18764

0908-0271

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

52812

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. M A D 0 1 9 2 9 4 8 6 7 — Manifest Document No. 9 6 4 1 6

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MA [illegible]

B. State Generator ID: [illegible]

C. State Trans. ID: [illegible]

D. Transporter's Phone: (617) 585-5111

E. State Trans. ID:

F. Transporter's Phone: ( )

G. State Facility's ID: Not Required

H. Facility's Phone: (617) 849-1807

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5810

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: M A D 0 3 9 3 2 2 2 5 0

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREES, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184
10. US EPA ID Number: M A D 0 5 3 4 5 2 6 3 7

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE CHROMIC ACID SOLUTION N.O.S. UN1785 CORROSIVE MATERIAL	002	DM	00110	G	D [illegible]
b. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	002	DM	01210	G	[illegible]
c. SPENT OIL & SPEEDI DRI MIXTURE NON D.O.T REGULATED	008	DM	03354	P	[illegible]
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. (L)(C)(T)CHROMIC ACID
b. (L)OIL AND WATER R17154
c. OIL & SPEEDI DRI R17154(S)
d.

K. Handling Codes for Wastes Listed Above
a. 5012
b. 502
c. 50
d.

15. Special Handling Instructions and Additional Information
IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: EUGENE RICCARDELLI — Signature: [signature] — Date: Month 01 Day 03 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID SPARGO — Signature: [signature] — Date: Month [illegible] Day [illegible] Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
TRW-05058

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Mark Kinde — Signature: [signature] — Date: Month 01 Day 04 Year 96

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

0908-0272

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. 96416

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
THE PASTEUR DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 474-5110

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ WASTE CHROMIC ACID SOLUTION N.O.S. UN1755 CORROSIVE MATERIAL	002	DM	00110	G
b. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	002	DM	01210	G
SPENT OIL & SPERDI DRI MIXTURE NON D.O.T REGULATED	008	DM	03354	P
d.				

[redacted]

15. Special Handling Instructions and Additional Information
IN CASE OF AN EMERGENCY CALL 1-800-645-8265

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Printed/Typed Name: [illegible] Signature: [illegible] Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID SMITH Signature: [illegible] Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date: Month Day Year

19. Discrepancy Indication Space
TRW-05059

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

0908-0273

Form
LDR1

GENERATOR LAND DISPOSAL RESTRICTION NOTIFICATION

The wastes identified on the acompanying manifest number MAF296416 and bearing the EPA Hazardous Waste Codes listed below are restricted wastes which are prohibited from land disposal under the Land Disposal Restriction, 40 CRF §268, effective August 8,1990. Per 268.7 (a) (3), the EPA hazardous waste codes, waste subcategories, treatability groups, treatment standards, technology codes, and appropriate references, as applicable, are provided below:

Line Item #'s	Hazardous Waste Code (and Subcategory) & Treatability Group	Treatment Technology Standard	40 CRF 268 Reference
	D001. Ignitable liquid		
	Wastewater	DEACT	§ 268.42, Table 2
	D001. Ignitable liquid TOC < 10%		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D001 Ignitable liquid TOC ≥ 10%		
	Nonwastewater	FSUBS, RORGS, INCIN	§ 268.42, Table 2
	D001. Ignitable compressed gases		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D001. Ignitable reactives		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D001. Oxidizer		
	Wastewaste	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D002. Acid (pH < 2)		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D002. Alkaline (pH > 12.5)		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table2
	D002. Other Corrosives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Reactive Sulfides		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Explosives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Water Reactives		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Other Reactives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Reactive Cyanides		
	Wastewaster	DEACT	§ 268.43, Table CCW
	Nonwastewater	DEACT	§ 268.43, Table CCW
	D004. Arsenic		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D005. Barium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D006. Cadmium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D006. Cadmium Containing Batteries		
	Nonwastewater	RTHRM	§ 268.42, Table 2
11A	D007. Chromium (total)		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D008. Lead		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D008. Lead Acid Batteries		
	Nonwastewater	RLEAD	§ 268.42, Table 2
	D009. Mercury		
	Wastewater		§ 268.43, Table CCW
	D009. Mercury (>260 mg/kg Hg) (Mercury & organics, not incinerator residues)		
	Nonwastewater	IMERC or RMERC	§ 268.42, Table 2
	D009. Mercury (>260 mg/kg Hg) (Inorganics only, including incinerator residues)		
	Nonwastewater	RMERC	§ 268.42, Table 2
	D009. Mercury (<260 mg/kg Hg)		
	Nonwastewater		§ 268.41, Table CCWE
	D010. Selenium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D011. Silver		
	Wastewater		§ 265.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	Other Listed/Characteristic codes (F-Codes, U-Codes, D012 - D017, Etc.) - **MUST COMPLETE BACK PAGE**		

FORM
LDR1

GENERATOR LAND DISPOSAL RESTRICTIONS NOTIFICATION

LINE ITEM #	WASTE CODE #	WASTE CATEGORY (Wastewater, Non-Wastewater, Soil and Debris)	TREATMENT TECHNOLOGY	40 CFR §268 REFERENCE
				22
				55

Note: The actual numerical treatment standard(s) MUST be completed for wastes codes F001 - F005, F039, and California list waste(s). Check the applicable boxe(s) below:

110
110
220

F001 - F005	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Acetone	0.05	0.59
☐ n-Butyl alcohol	5.0	5.0
☐ Carbon disulfide	1.05	4.81
☐ Carbon tetrachloride	0.05	0.96
☐ Chlorobenzene	0.15	0.05
☐ Cresols (and cresylic acid)	2.82	0.75
☐ Cyclohexanone	0.125	0.75
☐ 1,2-Dichlorobenzene	0.65	0.125
☐ Ethyl acetate	0.05	0.75
☐ Ethyl benzene	0.05	0.053
☐ Ethyl ether	0.05	0.75
☐ Isobutanol	5.0	5.0
☐ Methanol	0.25	0.75
☐ Methylene chloride	0.20	0.96
☐ Methylene chloride (from the pharmaceutical industry)	0.44	–
☐ Methyl ethyl ketone	0.05	0.75
☐ Methyl isobutyl ketone	0.05	0.33
☐ Nitrobenzene	0.66	0.125
☐ Pyridine	1.12	0.33

F001 - F005 (continued)	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Tetrachloroethylene	0.079	0.05
☐ Toluene	1.12	0.33
☐ 1,1,1-Trichloroethane	1.05	0.41
☐ 1,1,2- Trichloro-1,2,2-trifluoroethane	1.05	0.96
☐ Trichloroethylene	0.062	0.091
☐ Trichlorofluoromethane	0.05	0.96
☐ Xylene	0.05	0.15
☐ 1,1,2 Trichloroethane	0.03	7.6
☐ Benzene	0.07	3.7

CALIFORNIA LIST (Hazardous waste containing one of the below)

Constituent	Concentration (mg/L)
☐ Nickel	>134
☐ Thallium	>130
☐ Liquids with PCB's	>50 ppm
☐ Waste containing HOC's	>1,000 mg/kg

GENERATOR NAME TRW
ADDRESS 195 Binney St
Cambridge MA 02142
GENERATOR EPA ID# MAD 019294867
CONTACT (PRINT) X Eugene Riccardelli
SIGNATURE X Eugene Riccardelli
DATE 1/3/90

NOTE: GENERATOR MUST ATTACH THE ORIGINAL TO THE MANIFIEST AND KEEP A COPY OF THIS FORM ON FILE WITH THEIR MANIFEST

TRW-05061

0908-0275

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgmt.
2600 Bull Street Columbia, SC 29201
Phone (803) 734-5200
Emergency & Holidays (803) 253-6488

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter.) Form Approved OMB No 2050-0039 Expires 9-31-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No: MAD019294867 — Manifest Document No: 000012
2. Page 1 of 1
Information in the shaded areas is not required by Federal law but is by State law.

3. Generator's Name and Mailing Address: TRW FASTENERS, 195 BINNEY STREET, CAMBRIDGE, MA 02142
4. Generator's Phone: (617) 494-5756

A. State Manifest Document Number
B. State Generator's ID

5. Transporter 1 Company Name: PRICE TRUCKING CORPORATION
6. U.S. EPA ID Number: NYD046765574
C. State Transporter's ID
D. Transporter's Phone: 716/822-1414

7. Transporter 2 Company Name
8. U.S. EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SVCS. OF S. CAROLINA, INC., ROUTE 1, BOX 255, PINEWOOD, SC 29125
10. U.S. EPA ID Number: SCD070375985
G. State Facility's ID: N/A
H. Facility's Phone: 803/452-5003

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste Number
a. RQ, HAZARDOUS WASTE SOLID, N.O.S. ORM-E NA 9189	002	CM	00012	T	F001
b.					
c.					
d. FXSF					

J. Additional Descriptions for Materials Listed Above
a. PW-045664-4101
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
P.O. # 4730
W.O. # 131229
a. METAL SCRAPS/DISMANTLED DEGREASING TANK WITH TRACE TRICHLOROETHYLENE

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters and 1 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

X Printed/Typed Name: Samuel S Gugenti — Signature: Samuel S Gugenti — Month Day Year: 11 2 2 6 9 0

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TY BRYANT — Signature: T.Y. Bryant — Month Day Year: 1 5 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space
SEC 9 GSX SERVICES OF S.C. TRW-05062
a. 19080 lbs c. lbs
b. lbs d. lbs

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: Jan Todd — Signature: Jan Todd — Month Day Year: 10 10 96

0908-0276

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt
2600 Bull Street, Columbia, SC 29201
Phone (803) 734-5000
Emergency & Holidays (803) 253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter) Form Approved OMB No. 2050-0039 Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No: MAD019294867 — Manifest Document No: 00002
2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is by State law.

GENERATOR

3. Generator's Name and Mailing Address: TRW FASTENERS, 195 BINNEY STREET, CAMBRIDGE, MA 02142
4. Generator's Phone (617) 494-5756
5. Transporter 1 Company Name: PRICE TRUCKING CORPORATION
6. U.S. EPA ID Number: NYD046765574
7. Transporter 2 Company Name:
8. U.S. EPA ID Number:
9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SVCS. OF S. CAROLINA, INC., ROUTE 1, BOX 255, PINEWOOD, SC 29125
10. U.S. EPA ID Number: SCD070375985

A. State Manifest Document Number:
B. State Generator's ID:
C. State Transporter's ID:
D. Transporter's Phone: 716/822-1414
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: N/A
H. Facility's Phone: 803/452-5003

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ, HAZARDOUS WASTE SOLID, N.O.S. ORM-E NA 9189	002	CM	00012	T	F001
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. PW-04565-4101
b. -
c. -
d. -

K. Handling Codes for Wastes Listed Above

15. Special Handing Instructions and Additional Information
P.O. # 41738
W.O. # 131229
a. METAL SCRAPS/DISMANTLED DEGREASING TANK WITH TRACE TRICHLOROETHYLENE

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters and 1 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

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Printed/Typed Name: Samuel S Giraguti — Signature: Samuel S Giraguti — Month Day Year: 12 26 90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: T.Y. Bryant — Signature: T.Y. Bryant — Month Day Year: 1 5 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

FACILITY

19. Discrepancy Indication Space
a. lbs c. lbs
b. lbs d. lbs

TRW-05063

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: — Signature: — Month Day Year:

0908-0277

GSX

GSX Services of South Carolina, Inc.
Route 1, Box 255
Pinewood, South Carolina 29125
(803) 452-5003

Dear Valued Customer,

On 1-07-91, we received a waste shipment under Manifest Number(s) 01002 (COH131229), and the following discrepancies were noted for which corrective actions by you were required.

Section 9. Laidlaw Environmental Services is in error. Permitted name remains GSX Services of South Carolina, Inc. until further notice.

The discrepancies and the corrective action have been noted on the manifest under Section 19 (Discrepancy Indication Space) as per our telephone conversation. Your signature below constitutes approval of the above noted corrective action. This letter must be returned within 15 days from the date of receipt.

Thank you for your prompt attention to this matter.

Samuel S Girgenti
Generator Authorized Signature

RECORDS SUPERVISOR

TRW-05064

0908-0278

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

53073

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. 00003
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENER DIVISION, 195 BINNEY ST., CAMBRIDGE, MASS.
4. Generator's Phone: 617 494-5810
A. State Manifest Document Number: MA F280203
B. State Gen. ID: SAME
5. Transporter 1 Company Name: CLEAN HARBORS KINGSTON INC.
6. US EPA ID Number: MAD 039322250
C. State Trans. ID: MA 708552
7. Transporter 2 Company Name:
8. US EPA ID Number:
D. Transporter's Phone: 617 585-5711
E. State Trans. ID:
9. Designated Facility Name and Site Address: CLEAN HARBORS BRAINTREE INC., 385 QUINCY AVE, BRAINTREE, MASS. 02184
10. US EPA ID Number: MAD053452637
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 617 849-7807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. SPENT OIL & WATER MIXTURE NON DOT REGULATED	016	DF	00880	G	MA01
b. SPENT OIL & WATER MIXTURE NON DOT REGULATED	005	DM	00275	G	MA01
c. SPENT OILY DEBRIS NON DOT REGULATED	002	DM	00632	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. S02 c. S01
b. S02 d.

15. Special Handling Instructions and Additional Information
EMERGENCY # 1-800 OIL TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 01 Day 08 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK J. PURCELL
Signature: Mark J Purcell
Date: Month 01 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

TRW-05065

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Charles R Coffey II
Signature: Charles R Coffey II
Date: Month 01 Day 10 Year 91

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F280203 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

0908-0279

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD 019294867 — Manifest Document No. [illegible]
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENER DIVISION, 195 BINNEY ST., CAMBRIDGE, MASS.
4. Generator's Phone (617) 494-5[illegible]
5. Transporter 1 Company Name: CLEAN HARBORS KINGSTON INC.
6. US EPA ID Number: MAD 039322251
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: CLEAN HARBORS BRANTREE INC., 385 QUINCY AVE., BRANTREE, MASS. 02184
10. US EPA ID Number: MAD 053452637

A. State Manifest Document Number: MA F280203
B. State Gen. ID: [illegible]
C. State Trans. ID: [illegible]
D. Transporter's Phone:
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone:

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SPENT OIL & WATER MIXTURE NON DOT REGULATED	016	DF	00880	G
b. SPENT OIL & WATER MIXTURE NON DOT REGULATED	005	DM	00275	G
c. SPENT OIL / DEBRIS NON DOT REGULATED	002	DM	00632	P
d.				

[redacted]

15. Special Handling Instructions and Additional Information: EMERGENCY # 1-800 OIL TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	01 08 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
MARK J. [illegible]	Mark J. [illegible]	01 08 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F280203 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05066

0908-0280

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48237
MAF 131609

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00004
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F131609
B. State Gen. ID: NAME
C. State Trans. ID: MA972-709
D. Transporter's Phone: 508 688-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. RQ WASTE CORROSIVE LIQUID, n.o.s. (ZINC PHOSPHATE, NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)	1 (BP) DM	DM	518	P	D002
b. STATE REGULATED OIL WASTE	~~DF~~ 4 (BP) DM	OF DM	1320	G	MA01
c. STATE REGULATED OIL WASTE	5 (BP) ~~DM~~	DM	1234	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
a. PHOSPHORIC ACID SLUDGE/ ZN/IRON
b. MIXED OIL/WATER
c. MIXED OIL DEBRIS
d.

K. Handling Codes for Wastes Listed Above
a. 0 1
b. 0 1
c. 0 1
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Bickett
Signature: Bruce Bickett
Date: Month 01 Day 09 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley
Signature: Robert Pelley
Date: Month 01 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
21

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 01 Day 09 Year 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05067

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F131609 COPY>3: FACILITY MAILS TO GENERATOR

0908-0281

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48237
MAF 131609

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00004
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F131609
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE CORROSIVE LIQUID,n.o.s. (ZINC PHOSPHATE,NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002) BP	1 DM	DM	518	P	D002
b. STATE REGULATED OIL WASTE BP	DFA DM	OF DM	1320	G	MA01
c. STATE REGULATED OIL WASTE BP	5 DM	DM	1234	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. PHOSPHORIC ACID SLUDGE/ ZN/IRON
c. MIXED OILY DEBRIS
b. MIXED OIL/WATER
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
c. S 0 1
b. S 0 1
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Bickells	Bruce Bickells	9 10 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Robert Pelley	Robert Pelley	10 10 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

TRW-05068

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F131609 COPY>B: GENERATOR RETAINS

0908-0282

COPY>B: GENERATOR RETAINS

LAIDLAW ENVIRONMENTAL SERVICES

LAIDLAW ENVIRONMENTAL SERVICES
CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 48237

Generator Name/Location: TRW Cambridge Mass

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Number: see back

Manifest Number: MAF 131609

EPA Hazardous Waste Number(s): see back

Waste Analysis Available? YES _____ NO ✓ If yes, please attach copy.

✓ Unrestricted Waste Notification (Category 1)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated by the appropriate regulatory treatment standard or in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. Corresponding treatment standard _____

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) and certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Applicable Variance _____

___ Treated Waste Certification (Category 4)

___ (4a) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ (4b) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264, Subpart O or Part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ Restricted Waste Certification (Category 5)
I certify under penalty of law that I personally have examined and am familiar with the waste through anaylsis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

TRW-05069

SIGNATURE: Bruce Ricketts DATE: 1-9-91

PRINT NAME: Bruce Ricketts TITLE: _____

August 1990

0908-0283

Sheet 1 of ____ Sheets

Generator Name/Location: TRW - Cambridge Mass

EPA ID Number: MAD019297803 Manifest Number: MAF131609

Drum Number, Waste Profile or ARF Number	Category No.	State EPA Waste Number(s)	Corresponding Treatment Standard/ Applicable Variance/Other Information
A	1	MA01	—
B	1	MA01	—
L	2	D002	NWW1 Acid pH<2 / DEACT / 265.42 Table 2.

SIGNATURE: Bruce Ricketts TITLE:

PRINT NAME: Bruce Ricketts DATE: 1-9-91

ONLY ORIGINAL SIGNATURES WILL BE ACCEPTED! September 23, 1988

* For Treatment Standards Expressed as Concentration, Please Enter the Legend Number from the Legend Below for the Constituents contained in the Waste.

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		
Legend #	Constituent Name	Concentration
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

TRW-05070

0908-0284

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.:

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW, 195 Binney Street, Cambridge, MA

4. Generator's Phone: (617) 494-5500

A. State Manifest Document Number: MA F043836

B. State Gen. ID: 12 Rogers St.

5. Transporter 1 Company Name: Jeffrey Chemical Company, Inc.

6. US EPA ID Number: MAD080003056

C. State Trans. ID: 4475 8 / 4154 14 MA

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone: (508) 657-7560

E. State Trans. ID:

9. Designated Facility Name and Site Address: Stablex Canada, Inc., 760 Industriel Blvd., Blainville, Quebec, Canada

10. US EPA ID Number: NYD980756415

F. Transporter's Phone: ( )

G. State Facility's ID: Not Required

H. Facility's Phone: (514) 430-[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
RQ Hazardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	001	CM	10000	P
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above (Include physical state)

a. GCSXTR

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a. T04, T21, T31

b. F39, D85, (P.CELLS)

c.

d.

15. Special Handling Instructions and Additional Information: 24 HOUR EMERGENCY PHONE#

POINT OF DEPARTURE FROM US HIGHGATE SPRING, VT-RT89

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. "AND CONFORMS TO THE TERMS OF THE ATTACHED EPA ACKNOWLEDGEMENT OF CONSENT"

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Girgenti	Samuel S Girgenti	01 09 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
James Chester	James Chester	01 09 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space: JAN 10 '91 20:18

TRW-05071

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
L Toupin	L Toupin	01 10 91

GENERATOR — TRANSPORTER — FACILITY

MA F043836 COPY<3: FACILITY MAILS TO GENERATOR

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

5820-8060

Form Approved OMB No. 2050-0039, Expires 9-30-91

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00005
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW, 195 Binney Street, Cambridge, MA
4. Generator's Phone (617) 494-5500

A. State Manifest Document Number: MA F043836
B. State Gen. ID: 12 Rogers St.
C. State Trans. ID: [illegible]
D. Transporter's Phone (508) 657-7560
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (514) 430-[illegible]

5. Transporter 1 Company Name: Jeffrey Chemical Company, Inc.
6. US EPA ID Number: MAD080030356
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Stablex Canada, Inc., 760 Industriel Blvd., Blainville, Quebec, Canada
10. US EPA ID Number: NYD980756415

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
RQ Hazardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	[illegible]	[illegible]	[illegible]	[illegible]	F006
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. GCSKTRN05 [illegible]
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information: 24 HOUR EMERGENCY PHONE#
POINT OF DEPARTURE FROM US HIGHGATE SPRING, VT-RT89

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. "AND CONFORMS TO THE TERMS OF THE ATTACHED EPA ACKNOWLEDGEMENT OF CONSENT"
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Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 01 Day 09 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Chester — Signature: James Chester — Date: Month 01 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

TRW-05072

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F043836 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

0908-0286

MANIFEST-MANIFESTE

THIS MANIFEST CONFORMS TO ALL FEDERAL AND PROVINCIAL TRANSPORT AND ENVIRONMENTAL LEGISLATION REQUIRING MANIFESTING.

CE MANIFESTE EST CONFORME AUX LÉGISLATIONS FÉDÉRALE ET PROVINCIALE SUR L'ENVIRONNEMENT ET LE TRANSPORT, REQUÉRANT UN MANIFESTE.

Manifest Reference No. / N° de référence du manifeste: 8014212-2

A CONSIGNOR (GENERATOR) / EXPÉDITEUR (PRODUCTEUR)

Provincial ID No. / N° d'id. provincial:

Company Name / Nom de l'entreprise:

Mailing Address / Adresse postale: 125 Kinney Street, Cambridge, MA 02142

Shipping Site Address / Origine de l'expédition: 125 Kinney Street, Cambridge, MA 02142

City / Ville: Cambridge | Prov.: MA | Postal Code / Code postal: 02142

Intended Consignee / Destinataire prévu: Dublex Canada Inc.

Provincial ID No. / N° d'id. provincial:

Address / Adresse: 700 Industrial Blvd., Blainville, Que, Can

City / Ville: | Prov.: | Postal Code / Code postal:

Receiving Site Address - Destination de l'expédition:

Prov.: | Postal Code / Code postal:

B CARRIER / TRANSPORTEUR

Provincial ID No. / N° d'id. provincial:

Company Name / Nom de l'entreprise: Kinney Chemical Co., Inc.

Address / Adresse: 119 [illegible]

City / Ville: Lexington | Prov.: MA | Postal Code / Code postal: 02167

Vehicle / Véhicule:

Trailer/Rail Car No. 1 / 1re remorque / wagon: [illegible]

Trailer/Rail Car No. 2 / 2e remorque / wagon: [illegible] | N.A.

Point of Entry / Point d'entrée: Ballignstang | Point of Exit / Point de sortie: Ballignstang

Carrier Certification: I declare that I have received wastes as offered by the consignor in Part A for delivery to the intended consignee and that the information contained in Part B is complete and correct.

Déclaration du transporteur: J'atteste avoir reçu les déchets offerts par l'expéditeur dans la partie A en vue de leur livraison au destinataire choisi et que les renseignements inscrits à la partie B sont exacts et complets.

Date: Year / An 91 Mon / Mois 01 Day / Jour 19

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): [illegible]

Signature: [illegible]

Tel. No. (Area Code) / N° de tél. (Ind. régional): 508 657 7900

C CONSIGNEE (RECEIVER) / DESTINATAIRE (RÉCEPTIONNAIRE)

Provincial ID No. / N° d'id. provincial: 1116888173

Consignee information same as in Part A / L'information à fournir par le destinataire est la même qu'en A ☐

IF NOT, COMPLETE SHADED AREA – SINON, REMPLIR L'ESPACE OMBRAGÉ

Company Name / Nom de l'entreprise:

Address / Adresse:

City / Ville: | Prov.: | Postal Code / Code postal: J7C 3L4

Receiving Site Address / Destination de l'expédition:

City / Ville: | Prov.: | Postal Code / Code postal:

Date Received / Date de réception: Year / An 91 Mon / Mois 01 Day / Jour 15

Time / Heure: 15 ☐ AM ☐ PM

Shipping Name of Waste / Appellation réglementaire du déchet	TDGA/PIN PTMD/NIP	Quantity Shipped / Quantité expédiée	Units L or / ou kg Unités	Classification	Packing Group / Groupe d'emballage	Packaging / Contenants No. Nbre	Codes int. ext.	Quantity Received / Quantité reçu	Units L or / ou kg Unités	Identify Any Shipment Discrepancy Problems. Attach Addendum if Necessary / Indiquer toute différence relative à l'expédition. Annexer une feuille au besoin	Handling Code / Code de manutention	Decontamination Packaging / Contenants Yes / Oui	Decontamination Packaging / Contenants No / Non	Decontamination Vehicle / Véhicule Yes / Oui	Decontamination Vehicle / Véhicule No / Non
Marine Water Treatment Sludge				6.1	I	1	06	1650	kg		03				
											04				
											06				

Shipping Instructions / Instructions d'expédition: Attached / Ci-joint ☐ Below / Ci-dessus ☐

Actual Shipment Date / Date d'expédition réelle: Year / An 91 Mon / Mois 01 Day / Jour 19 ☐ AM ☐ PM

Scheduled Arrival Date / Date d'arrivée prévue: Year / An 91 Mon / Mois 01 Day / Jour 21

If Handling Code "Other" (Specify) / Si code de manutention "divers", spécifier:

If waste to be transferred specify intended company name / Si les déchets doivent être transférés, préciser le nom du destinataire:

Provincial ID No. / N° d'id. provincial:

Address / Adresse: | City / Ville: | Prov.:

Consignee Certification: I declare that the information contained in Part C is correct and complete.

Déclaration du destinataire: Je déclare que tous les renseignements à la partie C sont véridiques et complets.

Name of authorized Person (print) / Nom de l'agent autorisé (caractères d'imprimerie): LINDA TOUPIN

Signature: [illegible] | Tel. No. (Area Code) / N° de tél. (Ind. régional): 514 430 [illegible]

Generator Certification: I declare that the information contained in Part A is correct and complete.

Déclaration du producteur: Je déclare que tous les renseignements à la partie A sont véridiques et complets.

Name of authorized Person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Samuel S. Gregenti | Signature: [illegible] | Tel. No. (Area Code) / N° de tél. (Ind. régional): 617 494 5913

Copy 1 (Green) – Ministry of Environment (Ministry use only) | Copy 2 (Blue) – Consignee | Copy 3 (Pink) – Consignor | Copy 4 (Yellow) – Carrier

TRW-05073

0908-0287

MANIFEST-MANIFESTE

THIS MANIFEST CONFORMS TO ALL FEDERAL AND PROVINCIAL TRANSPORT AND ENVIRONMENTAL LEGISLATION REQUIRING MANIFESTING

CE MANIFESTE EST CONFORME AUX LEGISLATIONS FEDERALE ET PROVINCIALE SUR L'ENVIRONNEMENT ET LE TRANSPORT REQUERANT UN MANIFESTE

Manifest Number of manifests: 6014212

A CONSIGNOR (GENERATOR) EXPEDITEUR (PRODUCTEUR)

B CARRIER TRANSPORTEUR

Name of Other Manifest(s) used

References des autres manifestes utilisés

Port of Exit

Sewage Water Treatment Sludge

TRW-05074

0908-0288

CONSIGNOR
Business no.
Tel. no. 617-494-5500
Name TRW
Address 12 Rogers Street
Cambridge
Province MA Country USA Postal Code 02142

CARRIER
Business no.
Tel. no. 508-657-7560
Name Jeffrey Chemical Company, Inc.
Address 789 Woburn Street
Wilmington
Province MA Country USA Postal Code 01887

CONSIGNEE
Business no.
Tel. no. 514-430-9680
Name Stablex Canada, Inc.
Address 760 Industriel Blvd.
Blainville,
Province Quebec Country Canada Postal Code

SCHEDULE VI
(Division V)

QC 093835

Gouvernement du Québec
Ministère de l'Environnement

Manifest for Transporting Hazardous Waste

Section A – To be filled out and signed by the consignor and the carrier

Shipping details

Expected shipping date Y M D	Expected arrival date Y M D	Transit region A B C D E F G H

Number of manifest cancelled with regard to this shipment, where applicable

Vehicle registration

Motor vehicle	Prov.	Trailer # 1	Prov.	Trailer #2	Prov.
841-265		41756	MA		

Purpose border

Expected point of entry into Québec
Phillipsburg
Region of entry | Expected date of entry ▶ Y M D

Expected point of exit from Québec
Phillipsburg
Region of exit | Expected date of exit ▶ Y M D

Description of hazardous waste

Hazardous waste no.	Name of hazardous waste	Quantity shipped Weight	Kg (X)	lb	Physical state	Containers Number	Type	Lining
NA9189	Waste Water Treatment Sludge			x	s	001	COT	PLE
	Waste Type 6							

Emergency instructions

Declaration of consignor

Shipping number

I declare that the information above is true.
Name (Please print) | Date
Signature Samuel S Girgenti | Time 1/4/91

Samuel S Girgenti 10:30

Declaration of carrier

I declare that I have taken delivery of the hazardous waste described above.
Name (Please print) | Date
Signature | Time

URGENCE ENVIRONNEMENT
Québec (418) 643-4595 Mtl (514) 873-3454

SECTION B – To be filled out by the consignee and the carrier or, upon exit from Québec, by the carrier

Gouvernement du Québec
Ministère de l'Environnement

Declaration of consignee

Hazardous waste no.	If different from Section A, describe	Refusal Total (x)	Refusal Partial (X)	Management code	Decontamination of containers Yes (X)	No (X)	Not required (X)
				01	X		

Acceptance
Date Y M D 91 01 10
Time 20 18

TRW-05075

Registration

	Prov.	Decontamination of vehicles Yes (X)	No (X)	Not required (X)
Vehicle motor	841265 MA			
Trailer #1	41756 MA			
Trailer #2				

Quantity accepted (weight in kg)
Entry 37690
Exit 21160
Quantity accepted 16530

I declare that the information in this declaration is true.
Name (Please print) GOUPIN | Date 91-01-10
Signature | Time 20 18

Declaration of carrier

1. If outside Québec
Point of exit | Region | Date of exit Y M D | Time

2. In every case
Describe any event to be reported | Code

I declare that I have delivered the waste described above to the consignee specified in Section A.
Name (Please print) James Chester | Date 91-01-10
Signature James Chester | Time 15:15

AU MINISTÈRE
RÉCUE An M Jr
O. N.
Conciliée
Positif
Adm. man.
Leg. man.

QC 093835

URGENCE ENVIRONNEMENT
Québec (418) 643-4595 Mtl (514) 873-3454

1515-02-DA-ED20110

6. To be mailed to the consignor by the consignee

0908-0289

CONSIGNOR
Business no.
Tel. no. 617-494-5500

SCHEDULE VI
(Division V)

QC 093835

Name TRW

Address 12 Rogers Street
Cambridge

Province MA Country USA Postal Code 02142

Gouvernement du Québec
Ministère de l'Environnement

Manifest for Transporting Hazardous Waste

Section A – To be filled out and signed by the consignor and the carrier

CARRIER
Business no.
Tel. no. 508-657-7560

Name Jeffrey Chemical Company, Inc.

Address 789 Woburn Street
Wilmington

Province MA Country USA Postal Code 01887

CONSIGNEE
Business no.
Tel. no. 514-430-9680

Name Stablex Canada, Inc.

Address 760 Industriel Blvd.
Blainville,

Province Quebec Country Canada Postal Code

Shipping details

Expected shipping date (Y M D)	Expected arrival date (Y M D)	Transit region (A B C D E F G H)
91 01 09	91 01 10	

Number of manifest cancelled with regard to this shipment, where applicable

Vehicle registration

Motor vehicle	Prov.	Trailer # 1	Prov.	Trailer #2	Prov.
515132	MA				

Transit border

Expected point of entry into Québec
Phillipsburg

Region of entry | Expected date of entry ▶ 91 01 10

Expected point of exit from Québec
Phillipsburg

Region of exit | Expected date of exit ▶

Description of hazardous waste

Hazardous waste no.	Name of hazardous waste	Quantity shipped Weight	Kg (X)	lb	Physical state	Containers Number	Type	Lining
NA9189	Waste Water Treatment Sludge Waste Type 6	30000		x	s	001	COT	PLE

Emergency instructions

Declaration of consignor

Shipping number

I declare that the information above is true.
Name (Please print) Samuel S Gingerton
Date 7/9/91
Signature Samuel S Gingerton
Time 10:30

Declaration of carrier

I declare that I have taken delivery of the hazardous waste described above.
Name (Please print) James Chester
Date 07/09/91
Signature James Chester
Time 11:30

URGENCE ENVIRONNEMENT
Québec (418) 643-4595 Mtl (514) 873-3454

SECTION B – To be filled out by the consignee and the carrier or, upon exit from Québec, by the carrier

Gouvernement du Québec
Ministère de l'Environnement

Hazardous waste no.	If different from Section A, describe	Refusal Total (x)	Partial (X)	Management code	Decontamination of containers Yes (X)	No (X)	Not required (X)

Acceptance
Date Y M D
Time

TRW-05076

Registration		Decontamination of vehicles Yes (X)	No (X)	Not required (X)	Quantity accepted (weight in kg)
Vehicle motor					Entry
Trailer #1					Exit
Trailer #2					Quantity accepted

I declare that the information in this declaration is true.
Name (Please print)
Date
Signature
Time

Declaration of carrier

1. If outside Québec
Point of exit
Region | Date of exit Y M D | Time

2. In every case
Describe any event to be reported
Code

I declare that I have delivered the waste described above to the consignee specified in Section A.
Name (Please print)
Date
Signature
Time

AU MINISTÈRE
RÉCUE An M Jr.

	O.	N.
Conciliée	☐	☐
Positif	☐	☐
Adm. man.	☐	☐
Leg. man.	☐	☐

QC 093835

1515-02-DA-ED20110

2. To be kept by the consignor

URGENCE ENVIRONNEMENT
Québec (418) 643-4595 Mtl (514) 873-3454

0908-0290

Gentlemen:

Re: TREATMENT REQUIRED
Land Disposal Restrictions

This is to notify you, pursuant to 40 CFR 268.7 (a) (1), that the waste(s) referenced below, shipped on Manifest number _____ are subject to land disposal restrictions specified at 40 CFR part 268.

Manifest Line #	EPA Waste #
a	F006

I Believe this waste, and any residues resulting from the management of this waste, may require treatment to meet applicable standards as set forth in 40 CFR 168, Subpart D, Prior to land disposal. Applicable treatment standards are attached.

Waste analysis data for these restricted wastes:

_____ Are also attached

X Are not required (this notice is based on my knowledge of the waste)

It is your responsibility to assure management of these wastes in compliance with all applicable conditions and restrictions imposed by law and regulation.

Sincerely,

Samuel A. Aigante

Title: Chief Operator

Date: 1/9/91

TRW-05077

TABLE 2

TREATMENT STANDARDS/PROHIBITION LEVELS

F001, F002, F003, F004, F005

CONSTITUENT	TREATMENT STANDARD (MG/L)	
	Wastewaters (99% Water)	All Other Waste
Acetone	0.05	0.39
N-Butyl alcohol	5.0	5.0
Carbon Disulfide	1.05	4.81
Carbon Tetrachloride	0.05	0.96
Chlorobenzene	0.15	0.05
Cresols	2.82	0.75
Cresylic acid	2.82	0.75
Cyclohexanone	0.12	0.75
1,2-Dichlorobenzene	0.65	0.12
Ethyl Acetate	0.05	0.75
Ethyl Benzene	0.05	0.05
Etyle Ether	0.05	0.75
Isobutanol	5.0	5.0
Methanol	0.25	0.75
Methylene Chloride	0.20	0.96
Methyl Ethyl Ketone (MEK)	0.05	0.75
Methyl Isobutyl Ketone (MIK)	0.05	0.33
Nitrobenzene	0.66	0.125
Pyridine	1.12	0.33
Tetrachloroethylene (Perc.)	0.079	0.05
Toluene	1.12	0.33
1,1,1-Trichloroethane	1.05	0.41
1,2,2-Trichlor-1,2,2 Trifluoro-ethane	1.05	0.96
1,2,2-Trifluroethane	1.05	0.96
Trichloroethylene	0.062	0.091
Trichlorofluoromethane	0.05	0.96
Xylene	0.05	0.15

F006

CONSTITUENT	TREATMENT STANDARD (MG/L)
Cadmium	0.066
Chromium (Total)	5.2
Lead	0.51
Nickel	0.32
Silver	0.072

TRW-05078

0908-0292

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

53259

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 96410

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY STREET CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298338
B. State Gen. ID: SAME
C. State Trans. ID: MAD0[illegible]
D. Transporter's Phone: 617-[illegible]
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 617-849-1807

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVENUE
BRAINTREE, INC. 02184
10. US EPA ID Number: MAD053452637 710

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ, WASTE CHROMIC ACID SOLUTION N.O.S. UN1755 CORROSIVE MATERIAL	002	DM	00110	G
b. RQ, WASTE FLAMMABLE SOLID N.O.S. FLAMMABLE SOLID un1325	001	DM	00396	P
c. SPENT OIL & WASTE MIXTURE NON DOT REGULATED	009	DM	00495	G
d. SPENT OILY DEBRIS NON DOT REGULATED	003	DM	01288	P

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code)
a. (1)(t)(c) R17120 R17150
b. (s)(1) PAINT SOLIDS
c. (1) R17[illegible]
d. (s) R17[illegible]

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 01 Day 11 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell — Signature: Mark J. Purcell — Date: Month 01 Day 11 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space
TRW-05079

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Barry Taggart — Signature: Barry Taggart — Date: Month 01 Day 13 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298338 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATO

0908-0293

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 96410
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENER DIVISION, 195 BINNEY STREET, CAMBRIDGE, MA. 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298338
B. State Gen. ID: SAME
C. State Trans. ID: MA708552
D. Transporter's Phone (617) 575-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVENUE, BRAINTREE, INC. 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ, WASTE CHROMIC ACID SOLUTION N.O.S. UN1755 CORROSIVE MATERIAL	002	DM	00110	G	[illegible]
b. RQ, WASTE FLAMMABLE SOLID N.O.S. FLAMMABLE SOLID un1325	001	DM	00396	P	[illegible]
c. SPENT OIL & WASTE MIXTURE NON DOT REGULATED	009	DM	00495	G	[illegible]
d. SPENT OILY DEBRIS NON DOT REGULATED	003	DM	01288	P	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. (1)(t)(c) R17120 R17156
b. (s)(1) PAINT SOLIDS
c. (1) R17154
d. (s) R17126

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information

In case of emergency contact 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Rickett — Signature: Bruce Rickett — Date: Month 01 Day 11 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J Purcell — Signature: Mark Purcell — Date: Month 01 Day 11 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

TRW-05080

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298338 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

0908-0294

Form
LDR1

GENERATOR LAND DISPOSAL RESTRICTION NOTIFICATION

The wastes identified on the acompanying manifest number MF298338 and bearing the EPA Hazardous Waste Codes listed below are restricted wastes which are prohibited from land disposal under the Land Disposal Restriction, 40 CRF §268, effective August 8,1990. Per 268.7 (a) (3), the EPA hazardous waste codes, waste subcategories, treatability groups, treatment standards, technology codes, and appropriate references, as applicable, are provided below:

Line Item #'s	Hazardous Waste Code (and Subcategory) & Treatability Group	Treatment Technology Standard	40 CRF 268 Reference
	D001. Ignitable liquid		
	Wastewater	DEACT	§ 268.42, Table 2
	D001. Ignitable liquid TOC < 10%		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D001 Ignitable liquid TOC ≥ 10%		
	Nonwastewater	FSUBS, RORGS, INCIN	§ 268.42, Table 2
	D001. Ignitable compressed gases		
	Nonwastewater	DEACT	§ 268.42, Table 2
11B	D001. Ignitable reactives		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D001. Oxidizer		
	Wastewaste	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
11A	D002. Acid (pH < 2)		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D002. Alkaline (pH > 12.5)		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table2
	D002. Other Corrosives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Reactive Sulfides		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Explosives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Water Reactives		
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Other Reactives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
	D003. Reactive Cyanides		
	Wastewater	DEACT	§ 268.43, Table CCW
	Nonwastewater	DEACT	§ 268.43, Table CCW
	D004. Arsenic		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D005. Barium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D006. Cadmium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D006. Cadmium Containing Batteries		
	Nonwastewater	RTHRM	§ 268.42, Table 2
11A	D007. Chromium (total)		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D008. Lead		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D008. Lead Acid Batteries		
	Nonwastewater	RLEAD	§ 268.42, Table 2
	D009. Mercury		
	Wastewater		§ 268.43, Table CCW
	D009. Mercury (>260 mg/kg Hg) (Mercury & organics, not incinerator residues)		
	Nonwastewater	IMERC or RMERC	§ 268.42, Table 2
	D009. Mercury (>260 mg/kg Hg) (Inorganics only, including incinerator residues)		
	Nonwastewater	RMERC	§ 268.42, Table 2
	D009. Mercury (<260 mg/kg Hg)		
	Nonwastewater		§ 268.41, Table CCWE
	D010. Selenium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	D011. Silver		
	Wastewater		§ 265.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
	Other Listed/Characteristic codes (F-Codes, U-Codes, D012 - D017, Etc.) - **MUST COMPLETE BACK PAGE**		

TRW-05081

0908-0295

FORM
LDR1

GENERATOR LAND DISPOSAL RESTRICTIONS NOTIFICATION

LINE ITEM #	WASTE CODE #	WASTE CATEGORY (Wastewater, Non-Wastewater, Soil and Debris)	TREATMENT TECHNOLOGY	40 CFR §268 REFERENCE

Note: The actual numerical treatment standard(s) MUST be completed for wastes codes F001 - F005, F039, and California list waste(s). Check the applicable boxe(s) below:

F001 - F005	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Acetone	0.05	0.59
☐ n-Butyl alcohol	5.0	5.0
☐ Carbon disulfide	1.05	4.81
☐ Carbon tetrachloride	0.05	0.96
☐ Chlorobenzene	0.15	0.05
☐ Cresols (and cresylic acid)	2.82	0.75
☐ Cyclohexanone	0.125	0.75
☐ 1,2-Dichlorobenzene	0.65	0.125
☐ Ethyl acetate	0.05	0.75
☐ Ethyl benzene	0.05	0.053
☐ Ethyl ether	0.05	0.75
☐ Isobutanol	5.0	5.0
☐ Methanol	0.25	0.75
☐ Methylene chloride	0.20	0.96
☐ Methylene chloride (from the pharmaceutical industry)	0.44	–
☐ Methyl ethyl ketone	0.05	0.75
☐ Methyl isobutyl ketone	0.05	0.33
☐ Nitrobenzene	0.66	0.125
☐ Pyridine	1.12	0.33

F001 - F005 (continued)	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Tetrachloroethylene	0.079	0.05
☐ Toluene	1.12	0.33
☐ 1,1,1-Trichloroethane	1.05	0.41
☐ 1,1,2- Trichloro-1,2,2-trifluoroethane	1.05	0.96
☐ Trichloroethylene	0.062	0.091
☐ Trichlorofluoromethane	0.05	0.96
☐ Xylene	0.05	0.15
☐ 1,1,2 Trichloroethane	0.03	7.6
☐ Benzene	0.07	3.7

CALIFORNIA LIST (Hazardous waste containing one of the below)

Constituent	Concentration (mg/L)
☐ Nickel	>134
☐ Thallium	>130
☐ Liquids with PCB's	>50 ppm
☐ Waste containing HOC's	>1,000 mg/kg

GENERATOR NAME TRW

GENERATOR EPA ID# MAD015294867

ADDRESS Binney ST
Cambridge MA

CONTACT (PRINT)

SIGNATURE Bruce Ricketts

DATE 1/11/91

NOTE: GENERATOR MUST ATTACH THE ORIGINAL TO THE MANIFIEST AND KEEP A COPY OF THIS FORM ON FILE WITH THEIR MANIFEST

0908-0296

TRW-05082

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48299
MAF 130408

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 13909 00006
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MAF130408
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE 1,1,1-TRICHLOROETHANE MIXTURE, ORM-A, UN2831	1	DM	400	P	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. DIRTY [illegible]
b.

Ia 15. Special Handling Instructions and Additional Information (Ib (cont.)) (Ic (cont.)) (Id (cont.))

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Bruce Ricketts	[signature]	10	11	91

TRANSPORTER

17. Transporter 1: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Kelly	[signature]	10	11	91

18. Transporter 2: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVE GUILFOYLE	[signature]	10	12	91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5: FACILITY MAILS TO GENERATOR

In case of emergency or spill, immediately call the National Response Center (800)-424-8802

MAF130408 COPY 5 FACILITY

TRW-05083

0908-0297

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48299
MAF 130408

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 13969 00006
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F130408
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 1,1,1-TRICHLOROETHANE MIXTURE ORM-A UN2831	1	DM	400	P	F001
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. DIRT/STEEL/BRASS/1-1-1 3909-N22-18
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 01 Day 14 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley
Signature: Robert Pelley
Date: Month 01 Day 14 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F130408 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05084

0908-0298

Generator Name/Location: See Front

Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
13907-003 12	2	F001			NWW	see below		22	

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,2,2-trichloro-1,2,2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.091	0.091
	Trichlorofluoromethane	0.0	0.96
26	Xylene	0	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCDD-All Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2,4,5-Trichlorophenol	0.05 ppm
34	2,4,6-Trichlorophenol	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	130 mg/l
38	Thallium	130 mg/l
39	Cyanide (liquid)	1000 mg/l

TRW-05085

0908-0299

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: TRW Fastners Div. 195 Binney St. Cambridge Ma 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: _____

Manifest Number: MAF 10408

EPA Hazardous Waste Number(s): F001

Waste Analysis Attached? YES _____ NO X _____ _____ On file at facility.

___ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard or, by the appropriate regulatory treatment method.

Category 6 - Lab Pack Certification

___ (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(g).

___ (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 1-14-91

PRINT NAME: Bruce Ricketts TITLE: _____

Only Original Signatures will be Accepted

0908-0300

TRW-05086

VHW-001 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 10151

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
265 Third Street, Cambridge MA 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: NJA 0792459

B. State Generator's ID: SAME

5. Transporter 1 Company Name: Chemical Waste Management, Inc

6. US EPA ID Number: ILD099202681

C. State Trans. ID: S10331

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone (201) 465-2121

E. State Trans. ID:

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey 07105
100 Lister Ave
Newark, New Jersey 07105

10. US EPA ID Number: NJD089211679 0

F. Transporter's Phone ( )

G. State Facility's ID: SAME

H. Facility's Phone (201) 465-9100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Hazardous Waste Liquid n.o.s. (Sodium Hydroxide + water) CRM-E NA 9189	XX1	TT	X1415	G	D011 F007
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
[illegible]
[illegible]
[illegible] silver 0-1%

K. Handling Codes for Wastes Listed Above
TPT 1/16/91
a. c.
b. d.

15. Special Handling Instructions and Additional Information
a) Profile X19008
Project# 36368
Guide book # 31
In the event of an emergency contact CRM at 205/652-9721
W.O.# 26960 N.J. Decs/# 60728

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Gingenti — Signature: Samuel S Gingenti — Month Day Year: 01 15 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Patrick H Hurley — Signature: Patrick H. Hurley — Month Day Year: 01 15 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Gilbert Rosko — Signature: Gilbert Rosko — Month Day Year: 01 16 91

19. Discrepancy Indication Space
Load rejected back to generator due to pumpability problems. TPT 1/16/91

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Thomas P. Teeling — Signature: Thomas P. Teeling — Month Day Year: 01 16 91

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

NJA 0792459

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete. SIGNATURE MUST BE LEGIBLE ON ALL COPIES

3 — TSD MAIL TO - GENERATOR

0908-0301

TRW-05087

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENER DIVISION Manifest Doc. No.: 107151

CWM Profile Number: K19008 State Manifest No.: NJA 079245

1. Is this waste a non-wastewater or a wastewater ? (See 40 CFR 268.2) Check ONE: ☐ Non-Wastewater ☒ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A or B2) next to each restriction that is applicable: _____ HOCs, _____ PCBs, _____ Acid, _____ Metals, A Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION - IF NOT APPLICABLE, SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1	F007		X		X		A
2	D011		X		X		A
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED ? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

TRW-05088

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Samuel A Augusto Title Chief Operator Date 1/15/91

©1990 Chemical Waste Management, Inc. - 7/17/90 - Form CWM-2001-A

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM - REVERSE SIDE

SOLVENT AND CALIFORNIA LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following US EPA hazardous waste codes: F001, F002, F003, F004, F005, and/or this hazardous waste is subject to any prohibitions identified as California List restrictions (40 CFR 268.32 and/or RCRA Section 3004(d)), then this page MUST accompany the shipment, along with the opposite side of this form. If the waste code F039 describes this waste, then the corresponding treatment standards must be attached.

SOLVENT WASTE TREATMENT STANDARDS

F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Treatment Standard *		F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Treatment Standard *	
	Wastewaters	Nonwastewaters		Wastewaters	Nonwastewaters
Acetone (F003)	0.05	0.59	Methylene chloride (F001, F002)	0.20	0.96
Benzene (F005)	40 CFR 268.43(a) - 0.07	40 CFR 268.43(a) - 3.7	Methylene chloride from pharmaceutical production (F001,F002,F003,F004,F005)	40 CFR 268.43(a) - 0.44	0.96
n-Butyl alcohol (F003)	5.0	5.0	Methyl ethyl ketone (F005)	0.05	0.75
Carbon disulfide (F005)	1.05	4.81	Methyl isobutyl ketone (F003)	0.05	0.33
Carbon tetrachloride (F001)	0.05	0.96	Nitrobenzene (F004)	0.66	0.125
Chlorobenzene (F002)	0.15	0.05	2-Nitropropane (F005)	40 CFR 268.42 - ((WETOX or CHOXD) followed by CARBN) or INCIN	40 CFR 268.42 - INCIN
Cresols (and cresylic acid) (F004)	2.82	0.75	Pyridine (F005)	1.12	0.33
Cyclohexanone (F003)	0.125	0.75	Tetrachloroethylene (F001, F002)	0.079	0.05
1,2-Dichlorobenzene (F002)	0.65	0.125	Toluene (F005)	1.12	0.33
2-Ethoxyethanol (F005) (also called ethylene glycol monoethyl ether)	40 CFR 268.42 - INCIN or BIODG	40 CFR 268.42 - INCIN	1,1,1-Trichloroethane (F001, F002)	1.05	0.41
Ethyl acetate (F003)	0.05	0.75	1,1,2-Trichloroethane (F002)	40CFR 268.43(a) 0.03	40CFR 268.43(a) 7.6
Ethylbenzene (F003)	0.05	0.053	1,1,2-Trichloro-1,2,2-trifluoroethane (F002)	1.05	0.96
Ethyl ether (F003)	0.05	0.75	Trichloroethylene (F001, F002)	0.062	0.091
Isobutanol (F005)	5.0	5.0	Trichlorotrifluoromethane (F002)	0.05	0.96
Methanol (F003)	0.25	0.75	Xylene (F005)	0.05	0.15

* All spent solvent treatment standards are taken from 40 CFR Part 268.41(a), unless otherwise noted. Wastewater units are mg/l, nonwastewater are mg/kg.

CALIFORNIA LIST TREATMENT STANDARDS - 40 CFR 268.32, 40 CFR 268.42 and RCRA Section 3004(d)
A waste must first be designated as a US EPA Hazardous waste before the waste can be subject to the California List restrictions.

Restricted waste description	Prohibition	Treatment Standard
Liquid* or nonliquid wastes containing Halogenated Organic Compounds listed in 40 CFR 268, Appendix III	Liquid* wastes: Greater than or equal to 1,000 mg/l Nonliquid wastes: Greater than or equal to 1,000 mg/kg	40 CFR 268.42(a)(2) - INCIN
Liquid* wastes containing PolyChlorinated Biphenyls (PCBs)	Greater than or equal to 50 ppm	40 CFR 268.42(a)(1) - INCIN or PSUBS Also see 40 CFR 761.60 and .70
Liquid* wastes containing Cyanides	Free (amenable to chlorination) cyanides at concentrations greater than or equal to 1,000 mg/l	RCRA Section 3004(d)
Liquid* wastes containing Metals	One or more of the following metals (or elements) at concentrations greater than or equal to the following: Arsenic and/or compounds as As: 500 mg/l Cadmium and/or compounds as Cd: 100 mg/l Chromium and/or compounds as Cr: 500 mg/l Lead and/or compounds as Pb: 500 mg/l Mercury and/or compounds as Hg: 20 mg/l Nickel and/or compounds as Ni: 134 mg/l Selenium and/or compounds as Se: 100 mg/l Thallium and/or compounds as Tl: 130 mg/l	RCRA Section 3004(d) TRW-05089
Liquid* Acid wastes	pH is less than or equal to 2.0	RCRA Section 3004(d) and 40 CFR 268.32(a)

* - For the definition of "liquid" refer to Method 9095, the Paint Filter Liquids Test from EPA manual SW-846

© 1990 Chemical Waste Management, Inc. - 7/17/90 - Form CWM-2001

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

INSTRUCTIONS - READ AND REMOVE THIS PAGE BEFORE USING THIS FORM

The USEPA Hazardous Waste Land Disposal Restrictions (40 CFR 268) require that every generator of restricted hazardous waste send, with every shipment of his waste, a notification that describes the waste and its status under the Land Ban regulations. This form should assist you in meeting these requirements. Effective May 8, 1990, almost all hazardous wastes are restricted (have a treatment standard). The exceptions, for which there are no Land Disposal Restrcitions (and no required LDR notification) include: D018 through D043 (these become hazardous wastes effective 9/25/90), K064, K065, K066, K088, K090, K091, K017 through K110 (become hazardous on 11/2/90), K111, K112, K117, K118, K123, K124, K125, K126, K131, K132, K136, U328, U353, and U359. These wastes will be added to Part 268 in the future.

To properly manage your waste under the land disposal restrictions, it is essential that you accurately identify your waste. These are the same tests required to complete the Waste Profile Sheet. If your waste is different from the profile description, such as additional USEPA waste codes apply, or the characteristics or properties have changed, or the waste now requires treatment (when it did not earlier), then you must amend your profile and have the amendments approved by Chemical Waste Management. This must be done prior to scheduling and shipment of the waste. Once you have determined that the waste you are about to ship is consistent with your CWM-approved profile, you should prepare this form, and call the CWM facility to which you are shipping to schedule the waste. The following instructions should assist you in completing this form.

Generator Name: Write in the name of the generator, as it appears on your "Notification of Hazardous Waste Activity" form and your CWM Waste Profile Sheet.
CWM Profile Number: Write in the six-digit CWM profile number here.
Manifest Doc. No.: Enter the unique five-digit manifest document number assigned by the generator, (written in the last five positions of item #1 of the manifest).
State Manifest No.: If the manifest that is being used for this shipment has a state manifest number (item A of the manifest), then enter this number here.

1. Wastewater/Nonwastewater: Check only ONE box here, to indicate whether the waste is a "nonwastewater" or a "wastewater". Wastewaters are wastes that contain less than one percent (1%) by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids (TSS), with the following exceptions: (1) F001, F002, F003, F004, F005 solvent-water mixtures are wastewaters if they contain less than 1% by weight TOC or less than 1% by weight total F001, F002, F003, F004, F005 solvent constituents listed in 268.41 Table CCWE. (2) K011, K013, and K014 wastewaters (as generated) contain less than 5% by weight TOC and less than 1% by weight TSS. (3) K103 and K104 wastewaters contain less than 4% by weight TOC and less than 1% by weight TSS. Any waste that does not meet the applicable definition of wastewater is a nonwastewater. See 40 CFR Part 268.2(a)(6).

2. California List Restrictions: If the waste is subject to any California List restrictions (which are not superceded* by an explicit waste-code related treatment standard (268 Subpart D), then the letter from the bottom of the form that corresponds to the status of the restriction must be inserted next to any applicable restrictions. For example, if there are greater than or equal to 1,000 ppm of HOCs listed in Part 268 Appendix III that are not listed in the treatment standard for this waste, then you would put "A" next to "HOCs". If this is incinerator ash from hazardous waste that contained 50 ppm or more of PCBs, you would put "B2" next to "PCBs". * Note: Acids have been replaced by the D002-Acid Subcategory treatment standard (after 8/8/90). Likewise, metals and cyanides generally have been replaced by the corresponding characteristic waste treatment standards.

3. Table instructions: Read and continue to #4. Note: if there are more than 10 waste code/subcategories, continue on CWM form 2001-B, Supplemental Page.

4. USEPA hazardous waste codes: Put all USEPA hazardous waste codes that correctly apply to this waste in this section.

5. Subcategories: Next to each code identify the corresponding subcategory by either writing in the subcategory description or by checking "NONE". The waste codes that do have subcategories and the descriptions include:

D001: Ignitible Compressed Gas, Ignitible Liquid High TOC (> = 10%), Ignitible Liquid Low TOC (< 10%), Ignitible Reactive, or Oxidizer;
D002: Acid (pH < = 2.0), Alkaline (pH > = 12.5), or Other Corrosive (Corrosive to SAE 1020 steel at a rate > = 0.25 inch/year);
D003: Reactive Cyanide, Reactive Sulfide, Water Reactive (for nonwastewaters only), Explosive, or Other Reactive (see 261.23(a)(1));
D006: Cadmium Batteries, or NONE;
D008: Lead Acid Batteries, or NONE;
D009: Nonwastewaters: (1) Organic High Mercury (> = 260 ppm, with organics, not incinerated), (2) Inorganic High Mercury (> = 260 ppm), or (3) Low Mercury (< 260 ppm). Wastewaters: NONE;
F001, F002, F003, F004, F005: NonWastewaters: NONE. Wastewaters: Pharmaceutical, or NonPharmaceutical;
F025: Light Ends, or Filters/Filter Aids/Desiccants;
K006: Nonwastewaters: Anhydrous or Hydrated. Wastewaters: NONE
K046: Reactive or NonReactive;
K061: Nonwastewaters: Low Zinc (<15%) or High Zinc (> = 15%), Wastewaters: NONE;
K069: Nonwastewaters: Calcium Sulfate or NonCalcium Sulfate. Wastewaters: NONE;
K106 and U151: Nonwastewaters: (1) High Mercury > = 260 ppm, (2) Low Mercury < 260 ppm and RMERC residue, or (3) Low Mercury < 260 ppm not RMERC residues. Wastewaters: NONE
P065 and P092: Nonwastewaters: (1) Not Incinerator or roasting/retorting residue, (2) High Mercury > = 260 ppm and it is incinerator or roasting/retorting residue, or (3) Low Mercury < 260 ppm and it is Incinerator residue, or (4) Low Mercury < 260 ppm and it is roasting/retorting residue. Wastewaters: NONE;

6. Applicable treatment standards: 6a. Identify the performance-based treatment standards that correspond to the waste on the line by putting an X in the applicable box(es). 6b. If the waste is subject to a specified technology requirement (268.42), enter the five-letter treatment code(s) from 268.42 Table 1 that corresponds to the treatment required and intended for the waste. Spent Solvent and California List waste standards are printed on the back of the form. If the waste code F039 (multi-source leachate) applies to the waste, then the treatment standards that correspond to F039 must be attached by the generator.

7. Management Under Land Disposal Restrictions: Using the six descriptions at the bottom of the page, write the letter (A, B1, B2, B3, C, D), of the description that corresponds to the status of the waste under 40 CFR Part 268.7. If the waste is subject to a variance, then after entering "C" in column 7, you must write the date of expiration of the variance (effective date of the prohibition) next to it in column 7. Call the number below if you have any questions.

This form has been printed on self-duplicating paper. After you have completed this form, signed and dated it, remove the back page (labeled "GENERATOR: Remove this copy before shipment and retain in your files"). Keep the back page with your manifest records. Send all other copies (except these instructions) with the shipment. This form is NOT for Lab Packed wastes. Use form CWM-2002 "Lab Packed Hazardous Waste Land Disposal Notification and Certification Form".

If you have any questions, please call 1-800-843-3604 for Customer Service.

• Chemical Waste Management, Inc 1990, Revised: July 17, 1990

TRW-05090

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE (Elite, 12-pitch).

TSB K 19008

Waste Profile Sheet Code

CWM Location of Original: _____ (SHADED AREAS FOR CWM USE ONLY) CWM Sales Rep. #: 427

A. GENERAL INFORMATION

1. Generator Name: TRW FASTENER DIVISION
2. Generator USEPA ID: MAD 019294867
3. Facility Address: 265 THIRD STREET CAMBRIDGE, MA
4. Generator State ID: _____
5. Zip Code: 02142
6. Technical Contact: SAM GIRGENTI
7. Title: CHIEF OPERATOR
8. Phone: (617) 494-5808

B. MAIL CHEMICAL WASTE MANAGEMENT, INC. INVOICES TO 1. ☐ Generating Facility (A, above), or

2. Company Name: CWM, INC. - TECHNICAL SERVICES
3. Phone: ( ) _____ - _____
4. Address: P.O. BOX 96 SEALSTON, VA
5. Zip Code: 22547

C. 1. NAME OF WASTE SPENT COPPER-BRASS-PLATING BATH

2. PROCESS GENERATING WASTE SHUTDOWN OF COPPER-BRASS ELECTROPLATING LINE

3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?
☐ Yes ☒ No If yes, **DO NOT COMPLETE** this form. Contact your Chemical Waste Management, Inc. sales representative for assistance.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color:	2. Does the waste have a strong incidental odor?	3. Physical State @ 70°F:	4. Layers:	5. Specific Gravity:	6. Free Liquids:
CLEAR	☒ No ☐ Yes If known, describe:	☐ Solid ☐ Semi-Solid ☒ Liquid ☐ Powder Other:	☐ Multilayered ☐ Bi-layered ☒ Single Phased	Range: 1.0 - 1.1	☒ Yes ☐ No Volume: 100 %

7. pH: ☐ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10- < 12.5 ☐ ≥ 12.5 ☐ Range 11.5 - 12 ☐ NA

8. Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☒ None ☐ Closed Cup ☐ Open Cup

E. CHEMICAL COMPOSITION

1.	RANGE MIN. - MAX.	
WATER	90 - 95	%
COPPER	3 - 4	%
ZINC	1 - 2	%
SODIUM HYDROXIDE	2 - 5	%
SODIUM CARBONATE	2 - 5	%
SODIUM CYANIDE	1 - 3	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: 100+ %

2. Indicate if this waste contains any of the following:

	NONE	or LESS THAN	or ACTUAL
PCB's	☒	☐ < 50 ppm	_____ ppm
Cyanides	☐	☐ < 50 ppm	<30,000 ppm
Phenolics	☒	☐ < 50 ppm	_____ ppm
Sulfides	☒	☐ < 50 ppm	_____ ppm

F. METALS Indicate if this waste contains any of the following:

1. ☐ EP TOX/TCLP or 2. ☒ Total

METAL	LESS THAN	or	ACTUAL (Parts Per Million)
Arsenic	☒ < 5	☐ < 500	_____
Barium	☒ < 100		_____
Cadmium	☒ < 1	☐ < 100	_____
Chromium	☒ < 5		_____
Lead	☒ < 5	☐ < 500	_____
Mercury	☒ < 0.2	☐ < 20	_____
Selenium	☒ < 1	☐ < 100	_____
Silver	☒ < 5		2-5
Chromium-Hex	☒ < 5	☐ < 500	_____
Copper	☐ < 5		_____
Nickel	☒ < 5	☐ < 134	_____
Thallium	☒ < 5	☐ < 130	_____
Zinc	☐ < 5		_____
_____	☐ <		_____
_____	☐ <		_____
_____	☐ <		_____

TURN PAGE AND COMPLETE SIDE 2

Form CWM-6000 © 1987 Chemical Waste Management, Inc.

TRW-05091

0908-0305

1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
2. Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☐ Yes ☒ No
3. Indicate if this waste is any of the following:

☐ RCRA Reactive ☐ Radioactive
☐ Water Reactive ☐ Etiological
☐ Explosive ☐ Pesticide Manufacturing Waste
☐ Shock Sensitive ☐ Other _____
☐ Pyrophoric ☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN	or	ACTUAL
Beryllium	☐ < 5000 ppm		_____ ppm
Potassium	☐ < 5000 ppm		_____ ppm
Sodium	☐ < 5000 ppm		_____ ppm
Total Bromine	☐ < 2 %		_____ %
Total Chlorine	☐ < 35 %		_____ %
Total Fluorine	☐ < 1 %		_____ %
Total Sulfur			_____ %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

Range

1. Heat Value (BTU/lb): _____ - _____ 2. Water: _____ %
3. Viscosity (cps): _____ @ ☐ _____ °F ☐ 100°F ☐ 150°F
4. Ash: _____ % 5. Settleable solids: _____ %
6. Vapor Pressure @ STP (mm/Hg): _____
7. Is this waste a pumpable liquid? ☐ Yes ☐ No
   Type of pump? _____
8. Can this waste be heated to improve flow? ☐ Yes ☐ No
9. Is this waste soluble in water? ☐ Yes ☐ No
10. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☐ Yes ☐ No

J. TRANSPORTATION INFORMATION

1. Is this a DOT Hazardous Material? ☒ Yes ☐ No 2. Anticipated Annual Volume/Units: 3000 / GAL
3. Proper Shipping Name: Hazardous Waste Liquid, N.O.S.
4. Hazard Class: ORM-E 5. I.D. #: NA 9189
6. Additional Description: (EPA F007
7. Method of Shipment: ☒ Bulk Liquid ☐ Bulk Solid ☐ Drum (Type/Size): _____ / _____ Other: _____
8. CERCLA Reportable Quantity (RQ): _____ 9. RQ Units (lb/kg): _____
10. USEPA Hazardous Waste? ☒ Yes ☐ No 11. USEPA Hazardous Waste Number(s): F007, D011
12. State Hazardous Waste? ☒ Yes ☐ No 13. State Hazardous Waste Number(s): _____

K. SPECIAL HANDLING INFORMATION _____

☐ Additional Page(s) Attached

L. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession the generator has been disclosed.

1. Samuel S. Girgenti
Signature

2. Chief Operator.
Title

3. Samuel S. Girgenti
Name (Type or Print)

4. 11/27/90
Date

Side 2 of 2
Form CWM-6000 © 1987 Chemical Waste Management, Inc.

4/90

TRW-05092

0908-0306

GENERATOR'S CERTIFICATION OF REPRESENTATIVE SAMPLE

PLEASE PRINT IN INK OR TYPE (Elite, 12-pitch).

T5B K19008

Waste Profile Sheet Code

CWM Location of Original: _____ **(SHADED AREAS FOR CWM USE ONLY)** **CWM Sales Rep. #:** 427

This completed form must be returned, with the representative sample, to:

_____

_____

_____

_____

INSTRUCTIONS FOR COMPLETING THIS FORM ARE FOUND ON THE OPPOSITE SIDE. In order to determine whether Chemical Waste Management, Inc. can accept the special waste described in the Generator's Waste Material Profile Sheet referenced above, you must obtain and supply us with a representative sample of the waste. We may analyze the sample to verify the information that you have provided to us. A representative sample is defined as a sample obtained using any of the applicable sampling methods specified in 40 CFR 261-Appendix I or an equivalent method. Collect a representative sample of your waste and complete the form below. Apply the peel off label and ship your sample along with this form to the address noted above. If you have any questions regarding obtaining a representative sample of your waste, please refer to the instructions for this form, or contact your Chemical Waste Management, Inc. sales representative.

A. SAMPLING METHOD (Indicate which method was employed)

If sampling requirement has been waived by Chemical Waste Management, Inc., do not complete this Generator's Certification of Representative Sample form.

1. ☐ I have obtained a representative sample of the waste material described in the Generator's Waste Material Profile Sheet referenced above according to the sampling methods specified in 40 CFR 261-Appendix I.
2. ☒ I have obtained a representative sample of the waste material described in the Generator's Waste Material Profile Sheet referenced above using a method equivalent to the sampling methods described in 40 CFR 261-Appendix I.

B. SAMPLE SOURCE (e.g., drum, lagoon, pit, pond, tank, vat)

TANK

C. SAMPLE LABEL — COMPLETE LABEL BEFORE REMOVING

1. Waste Profile Sheet Code:		1. Waste Profile Sheet Code:
2. [redacted] Generator's Name:	TRW FASTENERS	2. Generator's Name:
3. [redacted] Name of Waste:	SPENT COPPER-BRASS PLATING BATH	3. Name of Waste:
4. [redacted] Sample Hour/Date:	3:15 P 11/27/90	4. Sample Hour/Date:
5. [redacted] Sampler's Signature:	Wayne Kiso	5. Sampler's Signature:

6. Print Sampler's Name: WAYNE KISO

7. Sampler's Title: _____

8. Sampler's Employer (if CWM, see D. below): CWM

TRW-05093

D. WITNESS VERIFICATION (if required) In most circumstances you will be obtaining the sample. However, in those cases in which Chemical Waste Management, Inc. obtains the sample, one of your employees must be present to direct the particular source to be sampled, to witness the sampling, and to complete this Part D.

I was personally present during the sampling described. I directed the waste source to be sampled and I verify the information noted above.

1. Witness' Signature: John W. Walton

0908-0307

CHEMICAL WASTE MANAGEMENT OF NEW JERSEY INC.
WEIGHT TICKET

GENERATOR TRW Fastener

TRANSPORTER CWM

WORK ORDER NOS. A26960

PROFILE NOS. K19008

*CWM UNITS ONLY
CWM TRACTOR NOS 1730 TARE WT. 18,880 LBS

CWM TANKER NOS 2707 TARE WT. 16,500 LBS

TOTAL TARE WT 35380 LBS

GROSS 1-15-91 17:14 46980 lb

TARE 1-15-91 17:30 10870 lb

NET

INSERT

S/O

0908-0308

TRW-05094

VHW-00 REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No.
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
265 Third Street, Cambridge, MA 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number NJA 0792471
B. State Generator's ID
C. State Trans. ID 51933
D. Transporter's Phone (201) 465-2121
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID
H. Facility's Phone (201) 465-9100

5. Transporter 1 Company Name: Chemical Waste Management Inc
6. US EPA ID Number: ILD099202681
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey
100 Lister Ave
Newark, New Jersey 07105
10. US EPA ID Number: NJD089216780

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Hazardous Waste Liquid,n.o.s. (sodium hydroxide water) (copper) CHM-2, NA 9189	XX1	TT	Y4190	G	D011 F007
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
a. copper [illegible] 1-25
b. sodium hydroxide 1-25
c. sodium cyanide 1-25, silver 0-10
d.

K. Handling Codes for Wastes Listed Above
a. S01 T01
b.
c.
d.

15. Special Handling Instructions and Additional Information
a) Profile K19008 In the event of an emergency contact CHM at (205) 652-9721
Project 38388
Gate Book # 31 WO # 427638 NJ Decal # 60728

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Month Day Year: 01 17 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Gilbert Kaplko — Signature: Gilbert Kaplko — Month Day Year: 01 17 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space
13 Amended to 4274.
TRW-05095

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Perez — Signature: Susan C Perez — Month Day Year: 01 22 91

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection, (609) 292-5580 (Day) (609) 292-7172 (Night)

NJA 0792471

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

3 — TSD MAIL TO - GENERATOR

0908-0309

VHW-001 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 10161
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
265 Third Street, Cambridge, MA 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: NJA 0792471

B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: Chemical Waste Management Inc
6. US EPA ID Number: ILD 077202631

C. State Trans. ID: 51 0331

7. Transporter 2 Company Name:
8. US EPA ID Number:

D. Transporter's Phone ([illegible])

E. State Trans. ID:

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey
100 Lister Ave
Newark, New Jersey 07105

10. US EPA ID Number: NJD089216790

F. Transporter's Phone ([illegible])

G. State Facility's ID: [illegible]

H. Facility's Phone (201 465-9100

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Hazardous Waste Liquid, n.o.s. (sodium hydroxide water) ORM-E, NA 9189	XX1	TT	Y4190	C	D011 F007
b.							
c.							
d.							

J. Additional Description for Materials Listed Above
(L) (T) [illegible]
copper 3-4%, zinc 1-2%
a. sodium hydroxide 2-5%
sodium cyanide 1-3%, silver 0-1%
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
a) Profile K19008 In the event of an emergency contact [illegible] at (205)652-9721
Project 38368
Guide Book # 31 WO # A27038 NJ Decal # 60729

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Month Day Year: 01 17 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Gilbert Rosko — Signature: Gilbert Rosko — Month Day Year: 01 17 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

TRW-05096

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

NJA 0792471

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

8 — GENERATOR COPY

0908-0310

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENER DIVISION Manifest Doc. No.: 107161

CWM Profile Number: 119008 State Manifest No.: NJA 07 92471

1. Is this waste a non-wastewater or a wastewater ? (See 40 CFR 268.2) Check ONE: ☐ Non-Wastewater ☒ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A or B2) next to each restriction that is applicable: _____ HOCs, _____ PCBs, _____ Acid, _____ Metals, A Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION - IF NOT APPLICABLE, SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42 TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1	F007		X		✓		A
2	D011		X		✓		A
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED ? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Chief Operator Date 1/17/91

© 1990 Chemical Waste Management, Inc. - 7/17/90

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48460
MAF 130637

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00007
00006

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F130637
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone: 508 683-1007
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1007

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers (MAP)	Type	13. Total Quantity	14. Unit Wt/Vol
[illegible]	16	DF	1100	G
STATE REGULATED OIL WASTE	4	DM	1274 (DF) ~~220~~	P
c.				
d.				

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable [illegible] the present and future threat to human health and the environment [illegible] management method that is available to me and that [illegible]

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1007

Printed/Typed Name	Signature	Month	Day	Year
Bruce Ricketts	Bruce Ricketts	01	16	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Pelley	Robert Pelley	01	16	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVE GUILFOYLE	Dave Guilfoyle	01	16	91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

COPY>3: FACILITY MAILS TO GENE

TRW-05098

0908-0312

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48460
MAF 130637

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00007
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F130637
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a	STATE REGULATED OIL WASTE	4	DM	1100	G	MA01
		16	DF			
b	STATE REGULATED OIL WASTE	4	DM	274 (or)	P	MA01
c.						
d.						

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 9 Day 16 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Kelley
Signature: Robert Kelley
Date: Month 9 Day 16 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F130637 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05099

0908-0313

Generator Name/Location: TRW Cambridge E Mass

Sheet 1 of ____ Sheets

EPA ID Number: MAD981924786 Manifest Number: MAF 130637

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MA01							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and P026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0314

TRW-05100

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 48410

Generator Name/Location: TRW - Cambridge Mass

EPA I.D. Number: MAD015294867

Waste Profile or ARF Designation: A, B

Manifest Number: MAE 130637

EPA Hazardous Waste Number(s): MAD1

Waste Analysis Attached? YES _____ NO X _____ _____ On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Pickett DATE: 1-16-91

PRINT NAME: Bruce Pickett TITLE:

TRW-05101

0908-0315

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

d53535

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 — Manifest Document No. 00087
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184
10. US EPA ID Number: MAD053452637

A. State Manifest Document Number: MA F298350
B. State Gen. ID: SAME
C. State Transporter's ID: Not Required
D. Transporter's Phone: 617 585-5111
E. State Trans. ID
F. Transporter's Phone
G. State Facility ID: Not Required
H. Facility's Phone: 617 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WASTE 1,1,1 TRICHLOROETHANE ORM-A UN2831	002	DM	00110	G
b. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	004	DM	00220	G
c. SPENT OIL & SPEEDI DRY MIXTURE NON D.O.T. REGULATED	005	DM	02019	P
d. ~~WASTE CORROSIVE SOLID N.O.S. CORROSIVE MATERIAL UN1759~~				

J. Additional Descriptions for Materials Listed Above (Include physical state, packaging, etc.)
a. P047247 (T) — c. R11D26(S) — e. D015 — g. S12
b. R7154(T) — d. [illegible] — f. D050 — h.

15. Special Handling Instructions and Additional Information
IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Richetti — Signature: Bruce Richetti — Date: Month 01 Day 11 Year 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell — Signature: Mark J. Purcell — Date: Month 01 Day 11 Year 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Barry Tagger — Signature: Barry Tagger — Date: Month 01 Day 11 Year 89

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298350 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05102

0908-0316

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 000087
2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298350
B. State Gen. ID: [illegible]

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250
C. State Trans. ID: MA 70 [illegible]

7. Transporter 2 Company Name:
8. US EPA ID Number:
D. Transporter's Phone (617) 585-5111
E. State Trans. ID:

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184
10. US EPA ID Number: MAD053452637
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 2,1,1 TRICHLOROETHANE ORM-A UN2831	002	DM	00110	G	F001
b. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	004	DM	00226	G	MA01
c. SPENT OIL & SPEEDI DRY MIXTURE NON D.O.T. REGULATED	005	DM	02019	P	MA01
d. WASTE CORROSIVE SOLID N.O.S. CORROSIVE MATERIAL UN1759		DM		P	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. P047247 (L)(T)
b. R17154(L)
c. R17126(S)
d. [illegible]

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month 01 Day 18 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] J. [illegible] — Signature: [illegible] — Date: Month 01 Day 18 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298350 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05103

0908-0317

Form
LDR1

GENERATOR LAND DISPOSAL RESTRICTION NOTIFICATION

The wastes identified on the accompanying manifest number NAF25F3D and bearing the EPA Hazardous Waste Codes listed below are restricted wastes which are prohibited from land disposal under the Land Disposal Restriction, 40 CRF §268, effective August 8,1990. Per 268.7 (a) (3), the EPA hazardous waste codes, waste subcategories, treatability groups, treatment standards, technology codes, and appropriate references, as applicable, are provided below:

Line Item #'s	Hazardous Waste Code (and Subcategory) & Treatability Group	Treatment Technology Standard	40 CRF 268 Reference
_____	D001. Ignitable liquid		
	Wastewater	DEACT	§ 268.42, Table 2
_____	D001. Ignitable liquid TOC < 10%		
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D001 Ignitable liquid TOC ≥ 10%		
	Nonwastewater	FSUBS, RORGS, INCIN	§ 268.42, Table 2
_____	D001. Ignitable compressed gases		
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D001. Ignitable reactives		
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D001. Oxidizer		
	Wastewaste	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D002. Acid (pH < 2)		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D002. Alkaline (pH > 12.5)		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table2
_____	D002. Other Corrosives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Reactive Sulfides		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Explosives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Water Reactives		
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Other Reactives		
	Wastewater	DEACT	§ 268.42, Table 2
	Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Reactive Cyanides		
	Wastewaster	DEACT	§ 268.43, Table CCW
	Nonwastewater	DEACT	§ 268.43, Table CCW
_____	D004. Arsenic		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	D005. Barium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	D006. Cadmium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	D006. Cadmium Containing Batteries		
	Nonwastewater	RTHRM	§ 268.42, Table 2
_____	D007. Chromium (total)		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	D008. Lead		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	D008. Lead Acid Batteries		
	Nonwastewater	RLEAD	§ 268.42, Table 2
_____	D009. Mercury		
	Wastewater		§ 268.43, Table CCW
_____	D009. Mercury (>260 mg/kg Hg) (Mercury & organics, not incinerator residues)		
	Nonwastewater	IMERC or RMERC	§ 268.42, Table 2
_____	D009. Mercury (>260 mg/kg Hg) (Inorganics only, including incinerator residues)		
	Nonwastewater	RMERC	§ 268.42, Table 2
_____	D009. Mercury (<260 mg/kg Hg)		
	Nonwastewater		§ 268.41, Table CCWE
_____	D010. Selenium		
	Wastewater		§ 268.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	D011. Silver		
	Wastewater		§ 265.43, Table CCW
	Nonwastewater		§ 268.41, Table CCWE
_____	Other Listed/Characteristic codes (F-Codes, U-Codes, D012 - D017, Etc.) - **MUST COMPLETE BACK PAGE**		

FORM
LDR1

GENERATOR LAND DISPOSAL RESTRICTIONS NOTIFICATION

LINE ITEM #	WASTE CODE #	WASTE CATEGORY (Wastewater, Non-Wastewater, Soil and Debris)	TREATMENT TECHNOLOGY	40 CFR §268 REFERENCE
11A	F001	nonwastewater	0.41	268.42

Note: The actual numerical treatment standard(s) MUST be completed for wastes codes F001 - F005, F039, and California list waste(s). Check the applicable boxe(s) below:

F001 - F005	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Acetone	0.05	0.59
☐ n-Butyl alcohol	5.0	5.0
☐ Carbon disulfide	1.05	4.81
☐ Carbon tetrachloride	0.05	0.96
☐ Chlorobenzene	0.15	0.05
☐ Cresols (and cresylic acid)	2.82	0.75
☐ Cyclohexanone	0.125	0.75
☐ 1,2-Dichlorobenzene	0.65	0.125
☐ Ethyl acetate	0.05	0.75
☐ Ethyl benzene	0.05	0.053
☐ Ethyl ether	0.05	0.75
☐ Isobutanol	5.0	5.0
☐ Methanol	0.25	0.75
☐ Methylene chloride	0.20	0.96
☐ Methylene chloride (from the pharmaceutical industry)	0.44	–
☐ Methyl ethyl ketone	0.05	0.75
☐ Methyl isobutyl ketone	0.05	0.33
☐ Nitrobenzene	0.66	0.125
☐ Pyridine	1.12	0.33

F001 - F005 (continued)	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Tetrachloroethylene	0.079	0.05
☐ Toluene	1.12	0.33
☑ 1,1,1-Trichloroethane C 4A	1.05	0.41
☐ 1,1,2- Trichloro-1,2,2-trifluoroethane	1.05	0.96
☐ Trichloroethylene	0.062	0.091
☐ Trichlorofluoromethane	0.05	0.96
☐ Xylene	0.05	0.15
☐ 1,1,2 Trichloroethane	0.03	7.6
☐ Benzene	0.07	3.7

CALIFORNIA LIST (Hazardous waste containing one of the below)

Constituent	Concentration (mg/L)
☐ Nickel	>134
☐ Thallium	>130
☐ Liquids with PCB's	>50 ppm
☐ Waste containing HOC's	>1,000 mg/kg

GENERATOR NAME TRW

ADDRESS Binney St
Cambridge, MA

GENERATOR EPA ID# MAD019 294887

CONTACT (PRINT)

SIGNATURE

DATE 1/8/91

NOTE: GENERATOR MUST ATTACH THE ORIGINAL TO THE MANIFIEST AND KEEP A COPY OF THIS FORM ON FILE WITH THEIR MANIFEST

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48734
MAF 130207

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00409
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F130207
B. State Gen. ID: SAME
C. State Trans. ID: MA 721804
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 1-1-1 TRICHLOROETHANE ORM-A UN2831	01	DM	55	G	F001
b. STATE REGULATED OIL WASTE	20	DF	1,100	G	MA01
c. STATE REGULATED OIL WASTE	03	DM	1,082	P	MA01
d. State Regulated Oil WASTE	07	DM	385	G	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. CARBON FILTER WATER/1-1
b. MIXED OIL/WATER
c. MIXED OILY DEBRIS
d. mixed oil/WATER

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 01 Day 24 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature: Philip W. Thurlow
Date: Month 01 Day 24 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: ~~Bruce Ricketts~~ BR
Signature: ~~Bruce Ricketts~~ BR
Date: Month 01 Day 24 Year 91

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F130207 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05106

0908-0320

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street · Boston, Massachusetts 02108

48734
MAF 130207

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00609
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F130207
B. State Gen. ID: SAME
C. State Trans. ID: MA 221804
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE [illegible] POLYURETHANE, [illegible] ORM-A UN2831	01	DM	55	G	
b. STATE REGULATED OIL WASTE	02	DM	1100	G	
c. STATE REGULATED OIL WASTE	03	DM	1,082	P	
d. State Regulated Oil Waste	04	DM	30	G	

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Id (cont.) Id (cont.) Id (cont.)
Contd from 1 of 1

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
[illegible] I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Month	Day	Year
Bruce Ricketts	Bruce Ricketts	01	24	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Philip W. Thurlow	[illegible]	01	24	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bruce Ricketts BR	Bruce Ricketts BR	01	24	91

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
David Eugene	[illegible]	01	24	91

Form Approved OMB No. 2050-0039. Expires 8-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 3: FACILITY MAILS TO GENERATOR

GENERATOR

In case of emergency or spill immediately call the National Response Center (800) 424-8802

TRW-05107

0908-0321

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 48734

Generator Name/Location: TRW Fasteners Div, 195 Binney St, Cambridge, Ma.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B, G2

Manifest Number: MAF130207

EPA Hazardous Waste Number(s): MA01 F001

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

see back

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Pickett DATE: 1-24-91

PRINT NAME: Bruce Pickett TITLE:

TRW-05108

0908-0322

Generator Name/Location: TRW Fasteners Div, 195 Binney St, Cambridge, Ma.

Sheet 1 of ____ Sheets

EPA ID Number: MAD019294862 Manifest Number: MAF130207

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MA01							
G2	2	F001			NWW			22	

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichlorcethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0323

TRW-05109

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

53971

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00010

2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENER DIVISION, 195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298621

B. State Gen. ID: [illegible]

C. State Trans. ID: [illegible]

D. Transporter's Phone (617) 585-5111

E. State Trans. ID: [illegible]

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 849-1807

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC. — 6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name: — 8. US EPA ID Number:

9. Designated Facility Name and Site Address: CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVE., BRAINTREE, MA. 02184 — 10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	003	DM	00165	G	MA01
b. SPENT OILY DEBRIS NON D.O.T. REGULATED	004	DM	01274	G	MA01
c. SPENT OIL & WATER MIXTURE NON DOT REGULATED	013	DF	00715	G	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)

a. (L) R1715

b. (S) R 17126

K. Handling Codes for Wastes Listed Above: [illegible]

15. Special Handling Instructions and Additional Information

IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 01 Day 25 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: MARK J. PURCELL — Signature: Mark J Purcell — Date: Month 01 Day 25 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Barry Taggart — Signature: Barry Taggart — Date: Month 01 Day 26 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298621 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05110

0908-0324

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. 00010

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298621

B. State Gen. ID: SAME

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.

6. US EPA ID Number: MAD039322250

C. State Trans. ID: MA70F552

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone (617) 585-5111

E. State Trans. ID

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184

10. US EPA ID Number: MAD053452637

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	003	DM	00165	G	MA01
b. SPENT OILY DEBRIS NON D.O.T. REGULATED	004	DM	01274	G	MA01
c. SPENT OIL & WATER MIXTURE NON DOT REGULATED	013	DF	00715	G	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. (L) R17154
b. (S) R 17126
c. R17154
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information

IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Rickett
Signature: Bruce Rickett
Date: Month Day Year: 01 12 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell
Signature: Mark J. Purcell
Date: Month Day Year: 01 12 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298621 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05111

0908-0325

CleanHarbors

ENVIRONMENTAL SERVICES COMPANIES
325 WOOD ROAD
BRAINTREE, MA 02184
(617) 849-1800

DATE:

TO: TRW Fastener Division
95 Binney Street
Cambridge, MA 02142

Please be advised of the following manifest change/discrepancy;

MANIFEST # MAF298621

MANIFEST DATE 1/25/91

GENERATOR NAME TRW Fastener Division

ADDRESS Same

CITY, STATE, ZIP Same

EPA ID # MAD019294867

CHANGE / DISCREPANCY

Line 11b should read 1274 Pounds instead of gallons.

Ellen Reardon
RCRA Clerk, Compliance Dept.
Tel. No. (617) 849-1800

dc: Clean Harbors file
Mass DEQE
Other CHKI

CHI-114

TRW-05112

0908-0326

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

3971

(Form designed for use on site (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00010

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298621

B. State Gen. ID: [illegible]

C. State Trans. ID: MA70[illegible]

D. Transporter's Phone (617) [illegible]

E. State Trans. ID

F. Transporter's Phone

G. State Facility's ID: Not Required

H. Facility's Phone (617) 849-[illegible]

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.

6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184

10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	003	DM	00165	G
b. SPENT OILY DEBRIS NON D.O.T. REGULATED	004	DM	01274	G
c. SPENT OIL & WATER MIXTURE NON DOT REGULATED	013	DF	00715	G
d.				

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. (L) R17154
b. (S) R 17126
c. R17154
d.

K. Handling Codes for Wastes Listed Above
a. S02
b. S01
c. S02
d.

15. Special Handling Instructions and Additional Information

IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Rickett — Signature: Bruce Rickett — Date: Month 01 Day 25 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell — Signature: Mark J Purcell — Date: Month 01 Day 25 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Barry Taggart — Signature: Barry Taggart — Date: Month 01 Day 26 Year 91

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>4: FACILITY RETAINS

TRW-05113

0908-0327

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48838
MAF 133979

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. MAD019294867	Manifest Document No. 00011	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F133979
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
[illegible]					
CORROSIVE MATERIAL UN1755 (D002)(D007)	8	DF	440	G	
STATE REGULATED OIL WASTE	1	DM			
	22	DF	1265	G	
STATE REGULATED OIL WASTE					
	1	DM	270	P	

GENERATOR

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Cont. driver R. Agenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable [illegible] ment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and selected the waste management method that is available to me and that I [illegible]

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	01 29 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Pelley	Robert Pelley	01 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

FACILITY

19. Discrepancy Indication Space
TRW-05114

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
DAVE GUILFOYLE	Dave Guilfoyle	01 29 91

Form Approved OMB No. 2050-0089. Expires 9-30-91.
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

0908-0328

In case of emergency or spill, immediately call the National Response Center (800) 424-8802

MA F133979 COPY>3

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

48838
MAF 133979

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00011
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F133979
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NO WASTE CHROMIC ACID SOLUTION CORROSIVE MATERIAL UN1755 (D002)(D007)	8	DF	440	G	D002D007
b. STATE REGULATED OIL WASTE	1	Dm			MA01
	22	DF	1265	G	
c. STATE REGULATED OIL WASTE	1	Dm	270	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. CHROMIUM/WATER/SULFURIC
b. MIXED OIL/WATER
c. MIXED OILY DEBRIS
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

N EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 01 Day 09 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley — Signature: Robert Pelley — Date: Month 01 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F133979 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05115

0908-0329

Generator Name/Location: TRW FASTENERS - CAMBRIDGE MASS

Sheet 1 of ____ Sheets

EPA ID Number: MAD 019294867 Manifest Number: MAP 83979

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A,B	1	MA01							
D	2	D002 D007		Acid (PH2.2) Chromium	WW	268.43, Table CCW 268.42, Table 2	DEACT		

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0330

TRW-05116

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 48838

Generator Name/Location: TRW Fasteners - Cambridge Mass

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B, D

Manifest Number: MAF133979

EPA Hazardous Waste Number(s): MAD1, D002, D007

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

See back

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

_____

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 1-29-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05117

0908-0331

MINNESOTA POLLUTION CONTROL AGENCY
HAZARDOUS WASTE DIVISION
520 LAFAYETTE ROAD
ST. PAUL, MINNESOTA 55155
ATTN: HWIMS

For MPCA use only

OMB No. 2050-0039
Expires 9/30/91

Please TYPE (Form designed for use on elite (12-pitch) typewriter) or print LEGIBLY. Instructions on cover page.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 10282
2. Page 1 of 1

Information in shaded area not required by Federal law. Minnesota rules require Items H. and I.

3. Generator's Name and Mailing Address (Also location of waste generation if different from mailing address.)
TRW Fasteners Division
265 Third Street, Cambridge, MA 02142

4. Generator's Phone (617) 4945808 County:

A. State Manifest Document Number: MN 115766
B. State Generator's ID: NAME

5. Transporter 1 Company Name: HAZMAT Environmental bp. Inc
6. US EPA ID Number: NYD980769947
C. State Transporter's ID: 10217PNY
D. Transporter's Phone: (716) 827-9200

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
Metro Recovery Systems
2430 Rose Place
Roseville, Minnesota 55113

10. U.S EPA ID Number: MND981098478
G. State Facility's ID: NAME
H. Facility's Phone: 612/633-8079

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	X	RQ Waste Cyanide Mixture, dry (F008) Balsam B NA 1588 (sodium cyanide, sodium hydroxide)	XX7	DM	4200	P	[illegible]
b.							
c.							
d.							

GENERATOR

[illegible] Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency contact CHM at 205/652-9721

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and all applicable state laws and regulations.
[illegible] I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method [illegible] which minimizes the present and future threat to human health and the environment, or, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Samuel S Girgenti	Samuel S Girgenti	01 29 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Richard W. Morton	Richard W. Morton	01 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
Toni J Howell	Toni J. Howell	02 01 91

In case of spill or emergency, immediately call the Minnesota Pollution Control Agency at 612/296-8400; the Minnesota Division of Emergency Services at 612/778-0800; the National Response Center at 800/424-8802. Outside Minnesota, call the National Response Center and appropriate state agency.

Minnesota Form PQ-00371-04 (9/90) (Previous editions obsolete)

Copy 3: Facility mails to Gener

TRW-05118

0908-0332

MINNESOTA POLLUTION CONTROL AGENCY
HAZARDOUS WASTE DIVISION
520 LAFAYETTE ROAD
ST. PAUL, MINNESOTA 55155
ATTN: HWIMS

For MPCA use only

OMB No. 2050-0039
Expires 9/30/91

Please TYPE (Form designed for use on elite (12-pitch) typewriter) or print LEGIBLY. Instructions on cover page.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 | Manifest Document No.
2. Page 1 of 1

Information in shaded area not required by Federal law. Minnesota rules require Items H. and I.

3. Generator's Name and Mailing Address (Also location of waste generation if different address.)
265 Third Street, Cambridge, Massachusetts 02142

A. State Manifest Document Number MN 115766

B. State Generator's ID

4. Generator's Phone (617) 494-5000 County:

5. Transporter 1 Company Name: HAZMAT Environmental Group, Inc.
6. US EPA ID Number: NYD980769742

C. State Transporter's ID: 102317PNY
D. Transporter's Phone: 716-537-7500

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Receiving Facility Name and Address
2430 Rose Place
Roseville, Minnesota 55113
10. U.S EPA ID Number: MND981098478

G. State Facility's ID
H. Facility's Phone: 612/633-8879

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	HM		12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	RQ Waste Cyanide Mixture, dry (F008) Poison B UN 1588 (sodium cyanide, sodium hydroxide)	XX 7	DM	4200	P	F008
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
a) Profile 794500
Msf 0918240
Project# 36360
DOT Guide book number 55

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency contact CMR at 205/652-9721

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and all applicable state laws and regulations.

If I am a large quantity generator I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment, or, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Donald S. Gorpuntie | Signature: Donald S. Gorpuntie | Date: Month 01 Day 01 Year 11

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Richard W. Martin | Signature: [signature] | Date: Month 01 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

TRW-05119

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of spill or emergency, immediately call the Minnesota Pollution Control Agency at 612/296-8100; the Minnesota Division of Emergency Services at 612/778-0800; the National Response Center at 800/424-8802. Outside Minnesota, call the National Response Center and appropriate state agency.

Minnesota Form PQ-00371-04 (9/90) (Previous editions obsolete)

Copy 8: Generator retains

0908-0333

Manifest Doc. No.: 1 0 2 8 2

CWM Profile Number: J 5 4 3 0 8

State Manifest No.: MN 115766

1. Is this waste a non-wastewater or a wastewater ? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A or B2) next to each restriction that is applicable: ____ HOCs, ____ PCBs, ____ Acid, ____ Metals, __a__ Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION - IF NOT APPLICABLE, SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1							
2	F039		X	X	X		A
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

Land Band

HOW MUST THE WASTE BE MANAGED ? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Chief Operator Date 1/29/91

© 1990 Chemical Waste Management, Inc. - 7/17/90 - Form CWM-2001-A

reducing this burden to: Chief, Information ... and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503.

TRW-05120

0908-0334

VHW-001 (REV. 9/85)

Req Drums

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NAD019294867 Manifest Document No. 10291
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners Division
265 Third Street, Cambridge, MA 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number NJA 0792473

B. State Generator's ID SAME

5. Transporter 1 Company Name HAZMAT ENVIRONMENTAL GROUP, INC
6. US EPA ID Number NYD 980769947

C. State Trans. ID S-0602

7. Transporter 2 Company Name
8. US EPA ID Number

D. Transporter's Phone (716) 827-7200

E. State Trans. ID

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey
100 Lister Ave
Newark New Jersey 07105

10. US EPA ID Number NJD089216790

F. Transporter's Phone ( )

G. State Facility's ID SAME

H. Facility's Phone (201) 465-9100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. NON RCRA REGULATED MATERIAL	X29	DM	17400	P	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. EML 12/11/91
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S01
b.
c.
d.

15. Special Handling Instructions and Additional Information
Profile # J91468 In the event of an emergency contact CWM at 205/ 652-9721
Project# 36368 DECAL # 64609 NJ

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Month Day Year: 01 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard W. Morton
Signature: Richard W. Morton
Month Day Year: 01 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
TRW-05121

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: David Knutson
Signature: [signature]
Month Day Year: 01 30 91

GENERATOR / TRANSPORTER / FACILITY

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

NJA 0792473

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

3 — TSD MAIL TO - GENERATOR

0908-0335

VHW-001 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N A D 0 1 9 2 9 4 8 6 7 Manifest Document No. 1 0 2 9 2

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners Division
265 Third Street, Cambridge, MA 02142

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: HAZWAST ENVIRONMENTAL GROUP INC

6. US EPA ID Number: MAD 980[illegible]

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey
100 Lister Ave
Newark New Jersey 07105

10. US EPA ID Number: N J D 0 8 9 2 1 6 7 9 0

A. State Manifest Document Number: NJA 0792473

B. State Generator's ID: SAME

C. State Trans. ID: 54 [illegible]

D. Transporter's Phone: [illegible]

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID: SAME

H. Facility's Phone ( ) 201 465-9100

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON RCRA REGULATED MATERIAL	[illegible]	DM	[illegible]	P	K 9 1 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
[illegible]
a.
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Profile # 391448
wo# F0204
Project# 36368
In the event of an emergency contact CWM at 201/ 652-8721
DECAL # 64609 NJ

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Giugnati
Signature: Samuel S Giugnati
Month Day Year: 0 1 2 9 9 1

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard W. Morton
Signature: Richard W. Morton
Month Day Year: 0 1 2 9 9 1

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
TRW-05122

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

NJA 0792473

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

8 — GENERATOR COPY

0908-0336

0908-0337

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

54309

Please print or type: (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.:
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
195 Binney St. Cambridge, Ma. 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F298989
B. State Gen. ID: SAME
C. State Trans. ID: VNA708552
D. Transporter's Phone (617) 585-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (849-1807

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Ave.
BRaintree, Ma. 02184
10. US EPA ID Number: MAD053652637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
Spent oil and water mixture non D.O.T. regulated	003	DM	00165	G	[illegible]
b. Spent oily debris non D.O.T. regulated	006	DM	02830	P	[illegible]
c. Spent corrosive solid N.O.S. corrosive material UN1759 (phosphate sludge)	002	DM	00894	P	[illegible]
d. SPENT OIL & WATER MIXTURE NON DOT REGULATED	008	DF	00440	G	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. R17154 (L) — c. R17123 (L)
b. R17126 (S) — d. R17164 (L)

15. Special Handling Instructions and Additional Information
In case of emergency contsct 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 02 Day 01 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell — Signature: Mark J. Purcell — Date: Month 02 Day 01 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space
Ia and Ib Should Read "MA01" Delete 5th Digit in waste Code.
Item 1 Manifest Document # should read 54302

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Charles R Coffey II — Signature: Charles R Coffey II — Date: Month 02 Day 04 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298989 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9/30/91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05123

0908-0338

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD012192416 17 — Manifest Document No. 00012

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
195 Binney St. Cambridge, Ma. 02142

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Ave.
Braintree, Ma. 02184
10. US EPA ID Number: MAD015345267

A. State Manifest Document Number: MA F298989
B. State Gen. ID: SAME
C. State Trans. ID: MA 208552
D. Transporter's Phone (617) 585-5111
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (849-1807

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
Spent oil and water mixture non D.O.T. regulated	003	DM	00165	G	MA013
b. Spent oily debris non D.O.T. regulated	006	DM	012830	P	MA013
c. Spent corrosive solid N.O.S. corrosive material UN1759 (phosphate sludge)	008	DM	008941	P	MA013
d. SPENT OIL & WATER MIXTURE NON DOT REGULATED	008	DM	00441	G	MA013

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. R17134 (B) b. R17126 (B) c. R17125 (B) d. R17154 (B)

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Bruce Yuckt — Signature: Bruce Yuckt — Date: Month 02 Day 01 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Pucell — Signature: Mark J. Pucell — Date: Month 02 Day 01 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Date: Month Day Year

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F298989 COPY>8: GENERATOR RETAINS

TRW-05124

0908-0339

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street - Boston, Massachusetts 02108

49065
MAF 135708

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00014
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F135708
B. State Gen. ID: SAME
C. State Trans. ID: MA 702708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers	13. Total Quantity	14. Unit Wt./Vol.
GENERATOR: STATE REGULATED OIL WASTE	24 DF	1320	G
STATE REGULATED OIL WASTE	03 DM	794	P
c.			
d.			

[illegible] (include physical state and hazard code)

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
LINE [illegible] A 18 DF
6 DM
[illegible] driver R Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I [illegible]

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	02 06 91

TRANSPORTER

17. Transporter 1: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Donald Bozeman	Donald Bozeman	02 04 91

18. Transporter 2: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
		0 1 1

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
DALE GUILFOYLE	Dale Guilfoyle	02 06 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05125

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F135708 COPY>3 FACILITY MAILS TO GENERATOR

0908-0340

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49065
MAF 135708

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 10004

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F135708
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	24	DF	1320	G	MA01
b. STATE REGULATED OIL WASTE	03	Dm	794	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
LINE ITEM A 18 DF 6 Dm

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Hewitt	Bruce Ricketts	10/16/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Thomas Lorenzo	Donald Lagr	10/16/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F135708 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05126

0908-0341

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

T128
TLR304

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

JOB# B-9993

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00013
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIVISION
265 THIRD STREET CAMBRIDGE, MA 02142

4. Generator's Phone (617) 494-5784

A. State Manifest Document Number: MA F297686
B. State Gen. ID: SAME

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250
C. State Trans. ID: ME E15665

7. Transporter 2 Company Name:
8. US EPA ID Number:
D. Transporter's Phone: 617 585-5111
E. State Trans. ID:

9. Designated Facility Name and Site Address
STABLEX (R.I.) INC. 275 ALLEN AVENUE
PROVIDENCE, RI 02905
10. US EPA ID Number: RID060098352
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 401 781-6340

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ HAZARDOUS WASTE, LIQUID N.O.S. - NA9189 ORM-E	001	TT	02820	G	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
a. [illegible] TREATED WASTE
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T 011
b.
d.

15. Special Handling Instructions and Additional Information W.O.# GCLRTRWC01
EMERGENCY PHONE NUMBER 1-800-OIL-TANK
DOT E-8552

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 02 Day 06 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ROGER REHS — Signature: Roger Rehs — Date: Month 02 Day 06 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Richard J. Belmont — Signature: [signature] — Date: Month 02 Day 06 Year 91

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297686 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05127

0908-0342

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

T128
T2R304

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Job# B-9993

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator US EPA ID No. MAD019294867	Manifest Document No. 00013	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIVISION
265 THIRD STREET CAMBRIDGE, MA 02142

4. Generator's Phone (617) 494-5784

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
STABLEX (R.I.) INC. 275 ALLEN AVENUE
PROVIDENCE, RI 02905
10. US EPA ID Number: RID060983512

A. State Manifest Document Number: MA F297686
B. State Gen. ID: SAME
C. State Trans. ID: ME E156665
D. Transporter's Phone (617) 585-5111
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (401) 781-6340

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE, LIQUID N.O.S. - NA9189 ORM-E	001	TT	02820	G	F007
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. LIQUID CYANIDE TREATED WASTE
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information W.O.# GCLRTRWC01
EMERGENCY PHONE NUMBER 1-800-OIL-TANK
DOT E-8552

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Gingenti	Samuel S Gingenti	02 06 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
ROGER REHS	Roger Rehs	02 06 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297686 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05128

0908-0343

[illegible] (R.I.), Inc.

GENERATOR RESTRICTED WASTE NOTIFICATION
LAND DISPOSAL RESTRICTION

This form meets generator restricted waste notification to Stablex (R.I.), Inc. of Providence, RI, as required by 40 CFR Part 268.7.

Generator Name: TRW Fasteners Division
EPA or State ID Hazardous Waste Number(s): MAD019294867
Manifest Line Item Number: 11A Manifest No. MAF297686
Waste Analysis Available? Yes ____ No ✓. If yes, attach copy per 40CFR Part 268.7 (a) (1) (iv.).

I. RESTRICTED WASTE NOTIFICATION (Corresponding Treatment Standard(s)). Certain wastes have been restricted from land disposal effective August 8, 1988, but are treatable at Stablex (R.I.), Inc. Restricted wastes treatable at Stablex (R.I.), Inc. are listed in Tables 1 through 3. If your waste is classified as any of those listed in the tables, please check the following certification statement and circle the appropriate code in the tables.

✓ I notify that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

II. WASTE SPECIFIC PROHIBITIONS. (California list Wastes.) If your waste contains any of these constituents or meets any of these properties, please check below.

____ 1) pH ≤ 2.0 ____ 2) PCB ≥ 50 ppm ____ 3) Halogenated Organic Carbon ≥ 1000 mg/1

____ 4) Liquids or any free liquids associated with any solid or sludge, containing the following metals or compounds of these metals:

____ Arsenic (As) ≥ 500 mg/1
____ Chromium (Cr VI) ≥ 500 mg/1
____ Free Cyanides ≥ 1000 mg/1
____ Nickel (Ni) ≥ 134 mg/1
____ Thallium (Ti) ≥ 130 mg/1
____ Cadmium (Cd) ≥ 100 mg/1
____ Lead (Pb) ≥ 500 mg/1
____ Mercury (Hg) ≥ 20 mg/1
____ Selenium (Se) ≥ 100 mg/1

III. SOFT HAMMER RESTRICTIONS If your waste is one of the codes listed in Table 4, please check the following notification statement and circle the appropriate waste code in the table:

____ I certify under penalty of law that the requirements of 40 CFR 268.8 (a) (1) have been met and that I have contracted to treat my wastes (or will otherwise provide treatment) by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Authorized Signature: Samuel S Girgent

Print Name: Samuel S Girgent Title Chief Opnt Date: 2/6/91

TRW-05129

0908-0344

TABLE 2

NON-WASTEWATERS ONLY

TCLP EXTRACT	F006	F007	F008	F009	F010	F011
1. Antimony	---	---	---	---	---	---
2. Arsenic	---	---	---	---	---	---
3. Barium	---	---	---	---	---	---
4. Cadmium	0.066	0.066	0.066	0.066		0.066
5. Chromium (Total)	5.2	5.2	5.2	5.2		5.2
6. Lead	0.51	0.51	0.51	0.51		0.51
7. Mercury	---	---	---	---	---	---
8. Nickel	0.32	0.32	0.32	0.32		0.32
9. Selenium	---	---	---	---	---	---
10. Silver	0.072	0.072	0.072	0.072		0.072
11. Vanadium	---	---	---	---	---	---

Concentration in Waste						
1. Cyanide (Total)	590	590	590	590	1.5	7-89/12-89 590
2. Cyanide (Amenable)		30	30	30		30
3. Chromium (Total)		---	---	---	---	---
4. Lead		---	---	---	---	---
5. Nickel		---	---	---	---	---

All concentrations in mg/l

TRW-05130

0908-0345

CleanHarbors

of Kingston, Inc.
325 Wood Road
Braintree, MA 02184
(617) 849-1800

FIELD SERVICES AGREEMENT

CHECK ONE:

( ) CONNECTICUT
( ) KINGSTON
( ) NEW HAMPSHIRE
( ) NEW JERSEY
( ) OTHER _____

( ) NEW YORK
( ) RHODE ISLAND
(X) SOUTH BOSTON
( ) TANK DIVISION
( ) OTHER _____

CUSTOMER:

Name: TRW
Property Owner (if different):
Address: 265 THRID STREET
CAMBRIDGE, MA
Contact Person: SAM GIRGENTI
Telephone #: 494-5808
Telephone Confirmation:
X Yes _____ No
PURCHASE ORDER # _____
JOB # B-9993

JOB LOCATION: SAME

WORK SCHEDULE/COMPLETION DATE: 2/6/91

ESTIMATED COST/PAYMENT TERMS: NET 30

CREDIT: _____

SCOPE OF WORK

CLEAN HARBORS TO PUMP OUT APPROXIMATELY 3000 GALLONS OF WATER WITH A TRACE OF CYANIDE, PRICE AS FOLLOWS:

TRANSPORTAION.....$750.00
DISPOSAL.....$ 1.00per/gal
NURRAGE.....$ 95.00per/hour
emurrage price is after the 1st two hours of loading and off loading

MASS. TRANSPORTORS FEE.....$ .20per/gal

* NOTE THE PRICE COULD DIFFER IF THE AMOUNT OF CYNANDEIS MORE THAN EXPECTED.

Payment of the total estimated cost is required prior to performance of any service by Clean Harbors unless other payment terms have been established by the parties. Clean Harbors' standard payment terms to accredited accounts are set forth in Paragraph 4 of the Standard Conditions.

The undersigned acknowledges that this is an estimate of costs for the services described in the Scope of Work and is based on the on-site appraisal of the Clean Harbors field representative. It is further acknowledged by the undersigned that the final payment due will be based on actual labor and materials expended by Clean Harbors. Any changes in the Scope of Work will be billed in addition to the estimated costs specified above.

Samuel S Girgenti
CUSTOMER'S AUTHORIZED REPRESENTATIVE OR AGENT

Feb 6, 1991
DATE

James C. Nunziato
CLEAN HARBORS

2/6/91
DATE

KINGSTON, MA (617) 585-5112 | SOUTH BOSTON, MA (617) 269-5830 | DEPTFORD, NJ (609) 589-5000 | ALBANY, NY (518) 434-0149 | PROVIDENCE, RI (401) 461-1300 | HOOKSETT, NH (603) 644-3633 | FARMINGTON, CT (203) 674-0361

STANDARD CONDITIONS ON BACK

CHI 106

TRW-05131

0908-0346

JOB # B9993
DAY & DATE WED 2/6/91
CONTACT PERSON San Giorgetti
PHONE # (617) 494-5784

CleanHarbors
(24 HOUR SERVICE)

P.O. # Blanket
T & M ☐
CONTRACT ☑
DEPART FROM SHOP 7:30 A.M.
ARRIVE BACK AT SHOP
OR ARRIVE AT NEXT JOB

CLIENT TRW Fastener Division
BILLING ADDRESS 265 THIRD ST
Cambridge, MA ATTN:

JOB LOCATION
N/A

LABOR:

NAME	TITLE	ST	OT	DT
	SUPERVISOR			
	FOREMAN			
	FOREMAN			
Roger Rehr	EQUIPMENT OPERATOR			
	FIELD TECH			
	FIELD TECH			
	FIELD TECH			
	FIELD CHEMIST			

EQUIPMENT:

QTY	TYPE	FLEET #	# OF HRS	✓ IF DAILY RATE
	PICK-UP TRUCK			
1	VACUUM TRAILER	304		
1	TRACTOR	128		
	VACUUM ST. TRUCK			
	BOX TRUCK			
	VACTOR			
	COMPRESSOR			
	BACKHOE			
	BOBCAT			
	RESPIRATOR (1/2 FACE)			
	RESPIRATOR (FULL)			
	RACK TRUCK			
	EXPLOSION METER			

DISPOSAL: STABELAX INC (Providence R.I.)

DESTINATION		
	AMOUNT	MANIFEST #
LIQUID (BULK)	31" product 2820 GALS.	MAF ~~MAF297656~~
ESTIMATED SOLIDS IN BULK LOAD (IN GALS)		

MATERIAL:

QTY	DESCRIPTION	QTY	DESCRIPTION

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

54687

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019286796 — Manifest Document No.

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS, 195 BINNEY ST.

4. Generator's Phone: (617) 494-5510 CAMBRIDGE, MASS 02142

A. State Manifest Document Number: MA F297083

B. State Gen. ID: SAME

5. Transporter 1 Company Name: CLEAN HARBORS KINGSTON INC. — 6. US EPA ID Number: MAD039322250

C. State Trans. ID: MA 70852

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone: (617) 585-5110

E. State Trans. ID

9. Designated Facility Name and Site Address: CLEAN HARBORS BRAINTREE INC., 385 QUINCY AVE, BRAINTREE, MASS. 02184 — 10. US EPA ID Number: MAD053452637

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone: (617) 849-1807

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE COMBUSTIBLE LIQUID NOS COMBUSTIBLE LIQUID NA1993	001	DF	00055	G	[illegible]
b. SPENT OILY DEBRIS NOT DOT REGULATED	002	DM	00642	P	[illegible]
c. SPENT OIL & WATER MIXTURE NOT DOT REGULATED	001	DM	00055	G	[illegible]
d. SPENT OIL & WATER MIXTURE NOT DOT REGULATED	008	DF	00440	G	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state and hazard class)

a. SLUDGE — c. [illegible]

b. RITZ — d. [illegible]

K. Handling Codes for Wastes Listed Above: a. S02 S99 c. S01 S99

15. Special Handling Instructions and Additional Information

EMERGENCY # 1-800-OIL-TANK

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Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 04 Day 08 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Mark J. Purcell — Signature: Mark J. Purcell — Date: Month 04 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Barry Taggart — Signature: Barry Taggart — Date: Month 04 Day 16 Year 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05133

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297083 COPY>3: FACILITY MAILS TO GENERATOR

0908-0348

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

00015

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: [redacted]
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS, 195 BINNEY ST.
4. Generator's Phone (617) 494-5810 CAMBRIDGE, MASS. 02142
5. Transporter 1. Company Name: CLEAN HARBORS KINGSTON INC.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: CLEAN HARBORS BRAINTREE INC., 355 QUINCY AVE, BRAINTREE, MASS. 02184
10. US EPA ID Number: MAD053452637

A. State Manifest Document Number: MA F297083
B. State Gen. ID: SAME
C. State Trans. ID: [illegible]
D. Transporter's Phone: (617) 585-5[illegible]
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WASTE COMBUSTIBLE LIQUID NOS COMBUSTIBLE LIQUID NA1993	001	DF	00055	G
b. SPENT OILY DEBRIS NOT DOT REGULATED	002	DM	00642	P
c. SPENT OIL & WATER MIXTURE NOT DOT REGULATED	001	DM	00055	G
d. SPENT OIL & WATER MIXTURE NOT DOT REGULATED	008	DF	00440	G

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a.
b.

K. Handling Codes for Wastes Listed Above
a.
b.

15. Special Handling Instructions and Additional Information: EMERGENCY # 1-800-011-THINK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month 04 Day 05 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK J. PURCELL — Signature: [illegible] — Date: Month 04 Day 05 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297083 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05134

0908-0349

TRAILER #310

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B-1003

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. F297687

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW 265 THIRD STREET
CAMBRIDGE, MA

4. Generator's Phone (617) 494-5745

5. Transporter 1 Company Name: Clean Harbors of Kingston Inc. 6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address
STABLEX (R.I.) INC. 275 ALLENS AVENUE
PROVIDENCE, RI

10. US EPA ID Number: RID040098352

A. State Manifest Document Number: MA F297687
B. State Gen. ID: 195 BINNEY ST CAMBRIDGE, MA
C. State Trans. ID: ME E156668
D. Transporter's Phone: 617 585-5111
E. State Trans. ID
F. Transporter's Phone
G. State Facility's ID: Not Required
H. Facility's Phone

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON HAZARDOUS, NON D.O.T. REGULATED MATERIAL	001	TT	01541	G
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PUMICE SLUDGE & WATER
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T01
b.
c.
d.

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 1-800-OIL-TANK 20"of PRODUCT ON TRUCK
DOT-E 8408

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Printed/Typed Name: Clyde Byers Signature: Clyde Byers Date: Month 02 Day 08 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Clifton E. Norris Signature: Clifton E. Norris Date: Month 02 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Richard J. Belmont Signature: Date: Month 02 Day 08 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297687 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05135

0908-0350

TRAILER # 310

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B-1003

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: F7687
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW 265 THIRD STREET CAMBRIDGE, MA
4. Generator's Phone (617) 494-5745

A. State Manifest Document Number: MA F297687
B. State Gen. ID: 195 BINNEY ST CAMBRIDGE, MA
C. State Trans. ID: ME F15668
D. Transporter's Phone (617) 385-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone ( ) 494-5745

5. Transporter 1 Company Name: Clean Harbors of King Tom Inc
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: STABLEX (R.I.) INC. 275 ALLENS AVENUE PROVIDENCE, RI
10. US EPA ID Number: RID040098352

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON HAZARDOUS, NON D.O.T. REGULATED MATERIAL	001	TT	01541	G	MA99
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.): PUMICE SLUDGE & WATER
K. Handling Codes for Wastes Listed Above: a. c. b. d.

15. Special Handling Instructions and Additional Information: EMERGENCY PHONE # 1-800-OIL-TANK 20" of PRODUCT ON TRUCK DOT-E 8408

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Clyde Byers — Signature: Clyde Byers — Date: Month Day Year: 02 08 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Clifton E Norris — Signature: Clifton E. Norris — Date: Month Day Year: 02 08 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297687 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05136

0908-0351

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49258
MAF 136018

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00016
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F136018
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
[illegible] UN1993 (D001)	01	DF	55	G
[illegible] x BR				
[illegible] UN1759 (D002)				
c. STATE REGULATED OIL WASTE	17	DF	935	G
d. STATE REGULATED OIL WASTE	03	DM	709	P

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Cont. drivers R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, [illegible] present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	02 13 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Phillip W. Thurlow	[signature]	02 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
DAVE GUILFOYLE	Dave Guilfoyle	02 13 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05137

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136018 COPY>3 FACILITY

0908-0352

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 136018

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD01[illegible]
Manifest Document No.: 00016
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone ([illegible]) [illegible]
5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: [illegible]
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F136018
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone ([illegible]) [illegible]
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. LO WASTE PAINT FLAMMABLE LIQUID UN1[illegible] (D001)	01	DF	55	G	D001
b. LO WASTE CORROSIVE SOLID, N.O.S. (CHROMIC ACID, CHROME) CORROSIVE MATERIAL UN1759 (D007) X BR					D007 X BR
c. STATE REGULATED OIL WASTE	17	DF	935	G	MA01
d. STATE REGULATED OIL WASTE	03	DM	709	P	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PAINT LIQUID/XYLENE/TOLUENE
b. CHROMIC ACID/SPEEDY DRY BR X
c. MIXED OIL/WATER
d. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. BR 0 X 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
(a (cont.) (b (cont.) (c (cont.) (d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	02 13 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Philip W. Thurlow	[signature]	02 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136018 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05138

0908-0353

Generator Name/Location: TRCC Fasteners Div., 195 Binney St., Cambridge, Ma.

EPA ID Number: MAD019294867 Manifest Number: MAF136018, MAF136019

Sheet 1 of ____ Sheets

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A,B	1	MA01							
E	1	MA99							
F	2	D001		Ignitable Liquids 100%	NWW				
~~X~~	~~2~~	~~D007~~				268.42	FSUBS, RCRGS, Incin		
D	2	D002 D007		acid	~~NWW~~	~~268.41~~ 268.41/268.42	BR DEACT		

TRW-05139

0908-0354

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent

Legend #	Constituent Name	Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010 F023 and F026-F028 dioxin Containing Waste

Legend #	Constituent Name	Concentration
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 49256

Generator Name/Location: TRW Fasteners Div, 195 Binney St, Cambridge, Ma.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: See Back

Manifest Number: MAF136018, MAF136019

EPA Hazardous Waste Number(s): See Back

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

See Back

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 2-13-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05140

0908-0355

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49258
MAF 136019

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 00017
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F136019
B. State Gen. ID: SAME
C. State Trans. ID: MA 721804
D. Transporter 1 Phone: (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. Total Quantity	12. Containers	13. Total	14. Unit
[redacted]			
01	DM	76	P
02	DM	110	G
02	DF	110	G

[redacted]

Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

15. Special Handling Instructions and Additional Information
Cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. [redacted] and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	02 13 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Philip W. Thurlow	[signature]	02 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
DAE Gualtieri	Dave Lifflyle	02 13 91

Form Approved. OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 6-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05141

In case of emergency or spill, immediately call the National Response Center (800) 424-8802

0908-0356

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49258
MAF 136019

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible]
Manifest Document No. 00017
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TOH FASTENERS DIV.
[illegible] BINNEY STREET
CAMBRIDGE MA [illegible]
4. Generator's Phone ([illegible]) [illegible]

A. State Manifest Document Number
MA F136019
B. State Gen. ID
SAME
C. State Trans. ID
MA721804
D. Transporter's Phone ([illegible]) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name [illegible] NORTH EAST, INC.
6. US EPA ID Number [illegible]0444
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number
MAD006[illegible]0444

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL	01	DM	76	P	NA99
b. State Regulated OIL WASTE	02	DM	110	G	MA01
c. RQ WASTE Chromic Acid Solution (D002) (D007) Corrosive Material UN1755	02	DF	110	G	D002 D007
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. PAINT SOLID/XYLENE, TOLU
b. mixed oil/WATER
c. Chromium/WATER/Sulfuric acid
d.

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c. S01
d.

15. Special Handling Instructions and Additional Information
EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 02 Day 13 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature: [signature]
Date: Month 02 Day 13 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136019 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05142

0908-0357

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

55030

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00018
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners division
195 Binney St. Cambridge, Ma. 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F005221
B. State Gen. ID:
C. State Trans. ID: MA70F552
D. Transporter's Phone (617) 585-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
Clean Harbors of BRAINTREE, Inc.
385 Quincy Ave.
Braintree, Ma. 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Spent oil and water Non D.O.T.Regulated	003	DM	00165	G
b. Spent oilyanebris Non D.O.T.regulated	001	DM	00354	P
c. SPENT OIL & WATER NON DOT REGULATED	015	DF	00825	G
d.				

J. Additional Descriptions for Materials Listed Above (Include physical [illegible])
a. [illegible]
b. [illegible]

15. Special Handling Instructions and Additional Information
EMERGENCY # 1-800-OIL TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 02 Day 15 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell — Signature: Mark J. Purcell — Date: Month 02 Day 15 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: John Murray — Signature: [signature] — Date: Month 02 Day 15 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F005221 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05143

0908-0358

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.:
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners division
195 Binney St. Cambridge, Ma. 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F005221
B. State Gen. ID:
C. State Trans. ID:
D. Transporter's Phone (617) 865-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Clean Harbors of BRAINTREE, Inc.
385 Quincy Ave.
Braintree, Ma. 02184

10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Spent oil and water Non D.O.T. Regulated	003	DM	00165	G	MA01
b. Spent oilyadebris Non D.O.T. regulated	001	DM	00354	P	MA01
c. SPENT OIL & WATER NON DOT REGULATED	015	DF	00525	G	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. R17154 [illegible] R17154 (T)
b. R17126 [illegible]

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency 1-500 oil tank

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year: 02 18 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J [illegible] — Signature: [illegible] — Date: Month Day Year: 02 18 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F005221 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05144

0908-0359

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

551218

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00019
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
195 Binney St. Cambridge, Ma. 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F010863
B. State Gen. ID: SAME
C. State Trans. ID: MA 108552
D. Transporter's Phone: 617 [illegible]
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-[illegible]

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Av e.
Braintree, Ma. 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ Waste chromic acid solution N.O.S. un 1755 corrosive material (chromic acid)	004	DM	00220	G
b. Spent oil and water mixture Non D.O.T. Regulated	022	DF	01210	G
c. Spent oil and speedi dri mixture NON D.O.T. Regulated	003	DM	00988	P
d.				

J. Additional Descriptions for Materials Listed Above (include physical state [illegible])
a. [illegible]
b. [illegible] 217154
d.

K. Handling Codes for Wastes Listed [illegible]

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	02/15/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Mark J. Purcell	Mark J Purcell	02/15/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Clifford D Chase	Clifford D Chase	02/19/91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F010863 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05145

0908-0360

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019486700019 — Manifest Document No.
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
195 Binney St. Cambridge, Ma. 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA FO10863
B. State Gen. ID: [illegible]
C. State Trans. ID: MA 70552
D. Transporter's Phone: (617) 889-5111
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 617 849-1807

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Av e.
Braintree, Ma. 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Waste chromic acid solution N.O.S. ua 1755 corrosive material (chromic acid)	001	DM	00220	G	[illegible]
b. Spent oil and water mixture Non D.O.T. Regulated	002	DF DM	00200	G	[illegible]
c. Spent oil and speedi dri mixture NON D.O.T. Regulated	003	DM	00988	P	[illegible]
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard class)
a. R171-20 (1)(C)(2) [illegible] oil and speedi dri
b. oil and water [illegible] 154

K. Handling Codes for Wastes Listed Above
a. [illegible]
b. [illegible]

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-645-8265

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Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month 6 Day 1 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J Purcell — Signature: Mark J Purcell — Date: Month 6 Day 1 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA FO10863 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05146

0908-0361

Form
LDR1

GENERATOR LAND DISPOSAL RESTRICTION NOTIFICATION

The wastes identified on the accompanying manifest number NAT010863 and bearing the EPA Hazardous Waste Codes listed below are restricted wastes which are prohibited from land disposal under the Land Disposal Restriction, 40 CRF §268, effective August 8,1990. Per 268.7 (a) (3), the EPA hazardous waste codes, waste subcategories, treatability groups, treatment standards, technology codes, and appropriate references, as applicable, are provided below:

Manifest Line Item #'s	Hazardous Waste Code (and Subcategory) & Treatability Group	Treatment Technology Standard	40 CRF 268 Reference
_____	D001. Ignitable liquid Wastewater	DEACT	§ 268.42, Table 2
_____	D001. Ignitable liquid TOC < 10% Nonwastewater	DEACT	§ 268.42, Table 2
_____	D001. Ignitable liquid TOC ≥ 10% Nonwastewater	FSUBS, RORGS, INCIN	§ 268.42, Table 2
_____	D001. Ignitable compressed gases Nonwastewater	DEACT	§ 268.42, Table 2
_____	D001. Ignitable reactives Nonwastewater	DEACT	§ 268.42, Table 2
_____	D001. Oxidizer		
	☐ Wastewaste	DEACT	§ 268.42, Table 2
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
✓	D002. Acid (pH < 2)		
	☐ Wastewater	DEACT	§ 268.42, Table 2
	☑ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D002. Alkaline (pH > 12.5)		
	☐ Wastewater	DEACT	§ 268.42, Table 2
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D002. Other Corrosives		
	☐ Wastewater	DEACT	§ 268.42, Table 2
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Reactive Sulfides		
	☐ Wastewater	DEACT	§ 268.42, Table 2
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Explosives		
	☐ Wastewater	DEACT	§ 268.42, Table 2
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Water Reactives		
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Other Reactives		
	☐ Wastewater	DEACT	§ 268.42, Table 2
	☐ Nonwastewater	DEACT	§ 268.42, Table 2
_____	D003. Reactive Cyanides		
	☐ Wastewater	DEACT	§ 268.43, Table CCW
	☐ Nonwastewater	DEACT	§ 268.43, Table CCW
_____	D004. Arsenic		
	☐ Wastewater		§ 268.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE
_____	D005. Barium		
	☐ Wastewater		§ 268.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE
_____	D006. Cadmium		
	☐ Wastewater		§ 268.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE
_____	D006. Cadmium Containing Batteries Nonwastewater	RTHRM	§ 268.42, Table 2
_____	D007. Chromium (total)		
	☐ Wastewater		§ 268.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE
_____	D008. Lead		
	☐ Wastewater		§ 268.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE
_____	D008. Lead Acid Batteries Nonwastewater	RLEAD	§ 268.42, Table 2
_____	D009. Mercury Wastewater		§ 268.43, Table CCW
_____	D009. Mercury (>260 mg/kg Hg) (Mercury & organics, not incinerator residues) Nonwastewater	IMERC or RMERC	§ 268.42, Table 2
_____	D009. Mercury (>260 mg/kg Hg) (Inorganics only, including incinerator residues) Nonwastewater	RMERC	§ 268.42, Table 2
_____	D009. Mercury (<260 mg/kg Hg) Nonwastewater		§ 268.41, Table CCWE
_____	D010. Selenium		
	☐ Wastewater		§ 268.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE
_____	D011. Silver		
	☐ Wastewater		§ 265.43, Table CCW
	☐ Nonwastewater		§ 268.41, Table CCWE

Other Listed/Characteristic codes (F-Codes, U-Codes, D012 - D017, Etc.) - MUST COMPLETE BACK PAGE

MUST COMPLETE GENERATOR INFORMATION ON PAGE 2

TRW-05147

0908-0362

FORM
LDR1

GENERATOR LAND DISPOSAL RESTRICTIONS NOTIFICATION

LINE ITEM #	WASTE CODE #	WASTE CATEGORY (Wastewater, Non-Wastewater, Soil and Debris)	TREATMENT TECHNOLOGY	40 CFR §268 REFERENCE

Note: The actual numerical treatment standard(s) MUST be completed for wastes codes F001 - F005, F039, and California list waste(s). Check the applicable boxe(s) below:

F001 - F005	Wastewater containing Spent Solvents mg/L	All Other Spent Solvent Wastes mg/L
☐ Acetone	☐ 0.05	☐ 0.59
☐ n-Butyl alcohol	☐ 5.0	☐ 5.0
☐ Carbon disulfide	☐ 1.05	☐ 4.81
☐ Carbon tetrachloride	☐ 0.05	☐ 0.6
☐ Chlorobenzene	☐ 0.15	☐ 0.05
☐ Cresols (and cresylic acid)	☐ 2.82	☐ 0.75
☐ Cyclohexanone	☐ 0.125	☐ 0.75
☐ 1 2-Dichlorobenzene	☐ 0.65	☐ 0.125
☐ Ethyl acetate	☐ 0.05	☐ 0.75
☐ Ethyl benzene	☐ 0.05	☐ 0.053
☐ Ethyl ether	☐ 0.05	☐ 0.75
☐ Isobutanol	☐ 5.0	☐ 5.0
☐ Methanol	☐ 0.25	☐ 0.75
☐ Methylene chloride	☐ 0.20	☐ 0.96
☐ Methylene chloride (from the pharmaceutical industry)	☐ 0.44	-
☐ Methyl ethyl ketone	☐ 0.05	☐ 0.75
☐ Methyl isobutyl ketone	☐ 0.05	☐ 0.33
☐ Nitrobenzene	☐ 0.66	☐ 0.125
☐ Pyridine	☐ 1.12	☐ 0.33
☐ Tetrachloroethylene	☐ 0.079	☐ 0.05
☐ Toluene	☐ 1.12	☐ 0.33
☐ 1,1,1-Trichloroethane	☐ 1.05	☐ 0.41
☐ 1,1,2- Trichloro-1,2,2-trifluoroethane	☐ 1.05	☐ 0.96
☐ Trichloroethylene	☐ 0.062	☐ 0.091
☐ Trichlorofluoromethane	☐ 0.05	☐ 0.96
☐ Xylene	☐ 0.05	☐ 0.15
☐ 1,1,2 Trichloroethane	☐ 0.03	☐ 7.6
☐ Benzene	☐ 0.07	☐ 3.7

CALIFORNIA LIST (Hazardous waste containing one of the below)

Constituent	Concentration (mg/L)
☐ Nickel	>134
☐ Thallium	>130
☐ Liquids with PCB's	>50 ppm
☐ Waste containing HOC's	>1,000 mg/kg

GENERATOR NAME TRW

GENERATOR EPA ID# MAD019294867

ADDRESS Binney ST
Cambridge MA

CONTACT (PRINT)

SIGNATURE Bruce Pickett

DATE 2/15/91

NOTE: GENERATOR MUST ATTACH THE ORIGINAL TO THE MANIFIEST AND KEEP A COPY OF THIS FORM ON FILE WITH THEIR MANIFEST

TRW-05148

0908-0363

VHW-001 (REV. 9/88)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible]
[illegible]
4. Generator's Phone (417) [illegible]

A. State Manifest Document Number: NJA 0792476
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: Chemical Waste Management Inc.
6. US EPA ID Number: [illegible]
C. State Trans. ID: [illegible]
D. Transporter's Phone (603) [illegible]

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Trans. ID:

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey
103 Lister Ave
Newark, New Jersey 07105
10. US EPA ID Number: NJ [illegible]
F. Transporter's Phone ( )
G. State Facility's ID: [illegible]
H. Facility's Phone (201) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	[illegible] Mixture Dry (1000) [illegible] 1500 ([illegible])	001	DM	00150	P	[illegible]
b.	[illegible] Material [illegible] None	004	DM	01800	P	[illegible]
c.						
d.						

[illegible] Descriptions for Materials Listed Above
[illegible] SEE 12/11/91
[illegible] EML 12/11/91

K. Handling Codes for [illegible]
a. S01
b. S01

15. Special Handling Instructions and Additional Information
a) Profile [illegible] guide Book # 55 Project [illegible] Work Order [illegible]
b) Profile [illegible]
In the event of an [illegible] GTM at 205/[illegible]-9721
[illegible]

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Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Month Day Year: 02 19 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK HILTKE
Signature: Mark Hiltke
Month Day Year: 02 19 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space: Item I.b. changed per conv w/ Gary Beland 2/25/91

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: David Knutson
Signature: [signature]
Month Day Year: 02 20 91

GENERATOR / TRANSPORTER / FACILITY

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

NJA 0792476

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

3 — TSD MAIL TO - GENERATOR

0908-0364

TRW-05149

VPW-200 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 3
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
245 Third St.
Cambridge, Ma 02142
4. Generator's Phone (617) 398-3671

A. State Manifest Document Number
NJA 0792476
B. State Generator's ID [illegible]

5. Transporter 1 Company Name: Chemical Waste Management Inc.
6. US EPA ID Number: [illegible]
C. State Trans. ID [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
D. Transporter's Phone ([illegible]
E. State Trans. ID

9. Designated Facility Name and Site Address
Chemical Waste Management Inc of New Jersey
100 Lister Ave
Newark, New Jersey 07105
10. US EPA ID Number: [illegible]
F. Transporter's Phone ( )
G. State Facility's ID [illegible]
H. Facility's Phone ([illegible]

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
GENERATOR a.	RQ Waste Cyanide Mixture Dry (D006) Poison B UN 1588 (sodium cyanide, sodium hydroxide)	X	001	DM	00150	P	[illegible]
b.	NOT Non-Regulated Material Non-Regulated None		004	DM	01500	P	[illegible]
c.							
d.							

J. Additional Descriptions for Materials Listed Above
a. [illegible]
b. [illegible] cont. cyanide-bearing
c.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
a) Profile 38408 Guide Book # 55 Project 26306 Work Order 00 20 96
b) Profile 38106
In the event of an emergency contact CWM at 908/862-8711

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Printed/Typed Name: Samuel S Gigenti
Signature: [signature]
Month Day Year: [illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK HILTKE
Signature: [signature]
Month Day Year: 02 19 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

TRW-05150

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

NJA 0792476

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5580 (Day) (609) 292-7172 (Night)

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

8 — GENERATOR COPY

0908-0365

CHEMICAL WASTE MANAGEMENT, INC.

Daily Work Sheet

GREATER BOSTON AREA
156 Weymouth Street
Rockland, Massachusetts
02370

~~(617) 843 - 7110~~
(617) 843 - 7111

CWM JOB #

PROJECT #

DAY OF WEEK Tuesday	TEMPERATURE	JOB SUPERVISOR
DATE 2/15/5	WEATHER	CUSTOMER CONTACT

Sheet #	Shift/Time Period	Description of Operation

Customer : TRW Fasters

Billing Address : 26 ~~Cambridge~~ Thread St

Job Location: Cambridge, MA

Invoice Information

Customer P.O. #

Labor Title	Labor Code	Work Duty	Base Start	Site Start	Times Site Finish	Base Finish	Comment
Analyst	MH	Manifest / Load	11:00 A	12:00 p	1:30p		
Tech	2.5	Load	11:00 A	12:00p	1:30p		[illegible]
							2 men 1 Night

VEHICLE Type	Unit #'s	Labor Code	Times Start	Times Finish	Miles	Load #	Manifest #
Volvo	[illegible]		11:00 A	1:30p	100		MJA 0792426

EQUIPMENT/MACHINERY	SUPPLIES and EXPENDABLES

DISPOSAL

[illegible] Cambridge [illegible] Newark
Transfer Station

JOB SUMMARY

Load & Deliver the Cell [illegible] [illegible] 1155 pm
to Newark NJ
[illegible] 4155 pm

TRW-05151

0908-0366

JOB SUPERVISOR [signature] CUSTOMER'S SIGNATURE [signature]

Customer signs as accepted the times, quantities and information listed above; agrees that the services have been provided in a satisfactory manner and that he or she is responsible for the cost incurred along with the terms and conditions on the reverse or attached.

Samuel J Hargrove (Print Name)

1st - Customer File 2nd - Billing 3rd - Customer Copy

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49455
MAF 139097

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00020
2. Page 1: 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone 617 484-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA — 10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F139097
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
~~NO WASTE CHRONIC ACID SOLUTION~~ XBR				
~~CORROSIVE MATERIAL UN1755 (D002)(D007)~~				
STATE REGULATED OIL WASTE	36	DF	1,980	G
~~STATE REGULATED OIL WASTE~~ XBR				

GENERATOR

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont-driver R/Assurance

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
[illegible] I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal [illegible] ment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that [illegible]

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Month	Day	Year
Bruce Ricketts	Bruce Ricketts	02	20	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Philip W. Thurlow	[signature]	02	20	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVE GUILFOYLE	Dave Guilfoyle	02	20	91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 7-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05152

0908-0367

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49455
MAF 139097

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00020
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 484-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA — 10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F139097
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~EQ WASTE CHROMIC ACID SOLUTION~~ ~~CORROSIVE MATERIAL UN1755 (D002)(D007)~~ XBR					~~D002D007~~ XBR
b. STATE REGULATED OIL WASTE	36	DF	1,980	G	MA01
c. ~~STATE REGULATED OIL WASTE~~ XBR					~~MA01~~ XBR
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. ~~CHROMIUM/WATER/SULFURIC~~ BR — c. ~~MIXED OILY DEBRIS~~ XBR
b. MIXED OIL/WATER — d.

K. Handling Codes for Wastes Listed Above
a. ~~S 0 1~~ BR — c. ~~S 0 1~~ BR
b. S 0 1 — d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	02 20 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Philip W. Thurlow	[signature]	02 20 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F139097 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05153

0908-0368

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 49455.

Generator Name/Location: TRW Fasteners Div 195 Binney ST Cambridge

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: See Back

Manifest Number: _____

EPA Hazardous Waste Number(s): See Back

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 2-20-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05154

0908-0369

Generator Name/Location: TRW Fasteners Div Binney St Cambridge Ma. Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A	1	MA01							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (In mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1 05	0.96
24	Trichloroethylene	0 062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0370

TRW-05155

TRAILER #310

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B1084

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. F297727
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS DIVISION, 265 THIRD ST, CAMBRIDGE, MA 02142
4. Generator's Phone (617) 494-5784

A. State Manifest Document Number: MA F297727
B. State Gen. ID: SAME
C. State Trans. ID: ME E115166618
D. Transporter's Phone (617) 585-9111
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone (401) 781-6840

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON INC
6. US EPA ID Number: MAD013932250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: STABLEX (R.I.) INC, 275 ALLEN AVENUE, PROVIDENCE, R.I.
10. US EPA ID Number: RID040098352

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON REGULATED NON HAZARDOUS RINSE WATER	001	TT	4716	G	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. ACID ALKALINE RINSE
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T 101
b.
c.
d.

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY DIAL 1-800-OIL TANK DOT-E 8408

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 02 Day 22 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Clifton E. Norris — Signature: Clifton E. Norris — Date: Month 02 Day 22 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: LAWRENCE J. LAFLEUR III — Signature: Lawrence J. LaFleur III — Date: Month 02 Day 23 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297727 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05156

0908-0371

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

TRAILER #310

B1084

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: F7727
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS DIVISION, 265 THIRD ST, CAMBRIDGE, MA 02142
4. Generator's Phone: 617 494-5784

A. State Manifest Document Number: MA F297727
B. State Gen. ID: SAME

5. Transporter 1 Company Name: CLEAN HARBORS OF Kingston INC
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:

C. State Trans. ID: ME E15668
D. Transporter's Phone: 617 585-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: (401) 781-6340

9. Designated Facility Name and Site Address: STABLEX (R.I.) INC, 275 ALLEN AVENUE, PROVIDENCE, R.I.
10. US EPA ID Number: RID040098350

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON REGULATED NON HAZARDOUS RINSE WATER	00	TT	4716	G	MA99
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ACID ALKALINE RINSE WATER
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY DIAL 1-800-OIL TANK — DOT-E 8408

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel S Gigunti — Signature: Samuel S Gigunti — Date: Month 02 Day 22 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Clifton E. Norris — Signature: Clifton E. Norris — Date: Month 02 Day 22 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297727 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05157

0908-0372

STABLEX (R.I.), INC.

GENERATOR RESTRICTED WASTE NOTIFICATION
LAND DISPOSAL RESTRICTION

This form meets generator restricted waste notification to Stablex (R.I.), Inc. of Providence, RI, as required by 40 CFR Part 268.7.

Generator Name: TRW FASTNERS DIVISION
EPA or State ID Hazardous Waste Number(s): MA99
Manifest Line Item Number: 11A Manifest No. MAF297727
Waste Analysis Available? Yes ____ No ✓. If yes, attach copy per 40CFR Part 268.7 (a) (1) (iv.).

I. RESTRICTED WASTE NOTIFICATION (Corresponding Treatment Standard(s)). Certain wastes have been restricted from land disposal effective August 8, 1988, but are treatable at Stablex (R.I.), Inc. Restricted wastes treatable at Stablex (R.I.), Inc. are listed in Tables 1 through 3. If your waste is classified as any of those listed in the tables, please check the following certification statement and circle the appropriate code in the tables.

✓ I notify that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

II. WASTE SPECIFIC PROHIBITIONS. (California list Wastes.) If your waste contains any of these constituents or meets any of these properties, please check below.

____ 1) pH ≤ 2.0 ____ 2) PCB ≥ 50 ppm ____ 3) Halogenated Organic Carbon ≥ 1000 mg/1

____ 4) Liquids or any free liquids associated with any solid or sludge, containing the following metals or compounds of these metals:

____ Arsenic (As) ≥ 500 mg/1
____ Chromium (Cr VI) ≥ 500 mg/1
____ Free Cyanides ≥ 1000 mg/1
____ Nickel (Ni) ≥ 134 mg/1
____ Thallium (Ti) ≥ 130 mg/1
____ Cadmium (Cd) ≥ 100 mg/1
____ Lead (Pb) ≥ 500 mg/1
____ Mercury (Hg) ≥ 20 mg/1
____ Selenium (Se) ≥ 100 mg/1

III. SOFT HAMMER RESTRICTIONS If your waste is one of the codes listed in Table 4, please check the following notification statement and circle the appropriate waste code in the table:

____ I certify under penalty of law that the requirements of 40 CFR 268.8 (a) (1) have been met and that I have contracted to treat my wastes (or will otherwise provide treatment) by the practically available technology which yields the greatest environmental benefit, as indicated in my demonstration. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Authorized Signature: Samuel S Gergenti

Print Name: Samuel S Gergenti Title Chief Chemist Date: 2/22/91

0908-0373

TRW-05158

CleanHarbors

of Kingston, Inc.
325 Wood Road
Braintree, MA 02184
(617) 849-1800

FIELD SERVICES AGREEMENT

CHECK ONE:

( ) CONNECTICUT
( ) KINGSTON
( ) NEW HAMPSHIRE
( ) NEW JERSEY
( ) OTHER _____

( ) NEW YORK
( ) RHODE ISLAND
( ) SOUTH BOSTON
( ) TANK DIVISION
( ) OTHER _____

CUSTOMER:
Name: TRW
Property Owner (if different):
Address: 265 Third St Cambridge Inc
Contact Person: Sam Gergenti
Telephone #:
Telephone Confirmation:
✓ Yes _____ No
PURCHASE ORDER #
JOB # B1084

JOB LOCATION: Same

WORK SCHEDULE/COMPLETION DATE:

ESTIMATED COST/PAYMENT TERMS: see bellow

CREDIT: 1

SCOPE OF WORK

Clean Harbors, to pump Approx 4000 gallons of waste Acid Alkaline Rinse Water + Transport for Braintree Disposal

Transportation $750.00
Fellman (to pump on load) $264.00
Disposal (liquid less 5% solid $1.20 per gall

*note if solids are to be removed see written proposal

Payment of the total estimated cost is required prior to performance of any service by Clean Harbors unless other payment terms have been established by the parties. Clean Harbors' standard payment terms to accredited accounts are set forth in Paragraph 4 of the Standard Conditions.

The undersigned acknowledges that this is an estimate of costs for the services described in the Scope of Work and is based on the on-site appraisal of the Clean Harbors field representative. It is further acknowledged by the undersigned that the final payment due will be based on actual labor and materials expended by Clean Harbors. Any changes in the Scope of Work will be billed in addition to the estimated costs specified above.

Samuel S Gergenti
CUSTOMER'S AUTHORIZED REPRESENTATIVE OR AGENT

2/22/91
DATE

Jim Nardozzi
CLEAN HARBORS

2/22/91
DATE

KINGSTON, MA (617) 585-5112 | SOUTH BOSTON, MA (617) 269-5830 | DEPTFORD, NJ (609) 589-5000 | ALBANY, NY (518) 434-0149 | PROVIDENCE, RI (401) 461-1300 | HOOKSETT, NH (603) 644-3633 | FARMINGTON, CT (203) 674-0361

STANDARD CONDITIONS ON BACK

CHI 106

0908-0374

TRW-05159

JOB # B-1084
DAY & DATE Fri 2-22-91
CONTACT PERSON Sam
PHONE #

CleanHarbors
(24 HOUR SERVICE)

P.O. # 14095
T & M ☑
CONTRACT ☐
DEPART FROM SHOP 6:30
ARRIVE BACK AT SHOP
OR ARRIVE AT NEXT JOB

CLIENT T R W.
BILLING ADDRESS 265 Third St
Cambridge MA ATTN:

JOB LOCATION
Same

LABOR:

NAME	TITLE	ST	OT	DT
	SUPERVISOR			
J. Earley	FOREMAN	4	1/2	
	FOREMAN			
C. Norris	EQUIPMENT OPERATOR	1	7	
	FIELD TECH			
	FIELD TECH			
	FIELD TECH			
	FIELD CHEMIST			

EQUIPMENT:

QTY	TYPE	FLEET #	# OF HRS	✓IF DAILY RATE
1	PICK-UP TRUCK	8104	4 1/2	
	VACUUM TRAILER	310	7	
	TRACTOR	734	7	
	VACUUM ST. TRUCK			
	BOX TRUCK			
	VACTOR			
	COMPRESSOR			
	BACKHOE			
	BOBCAT			
	RESPIRATOR (1/2 FACE)			
	RESPIRATOR (FULL)			
	RACK TRUCK			
	EXPLOSION METER			

DISPOSAL: Stabelex - RI

DESTINATION	AMOUNT		MANIFEST #
LIQUID (BULK)	4716 GALS.		MAF297727 ~~[illegible]~~
ESTIMATED SOLIDS IN BULK LOAD (IN GALS)	<10% GALS.		
SOLID (BULK)	TNS/YDS		
LIQUID (DRUMS)	# OF DRUMS	AMT GALS.	
SOLID (DRUMS)	# OF DRUMS	AMT LBS.	
ADDITIONAL INFO:			

MATERIAL:

QTY	DESCRIPTION	QTY	DESCRIPTION
	SPEEDI DRI		COMBO CARTRIDGES
	17-H DRUM		CHEMICAL CARTRIDGES
	YELLOW TYVEK		
	RAIN GEAR		
	GLOVES		
	SORBENT PADS BL.		
	SORBENT BOOM EA.		
	SORBENT BOOM BL.		
	5-GAL. BUCKET		
	DUCT TAPE		
	AIR BOTTLE		
	OVERBOOTS		
	CHICKEN BOOTS		
	DEGREASER (5 GAL.)		
	PENETONE (1 GAL.)		

JOB DESCRIPTION:

At above location pumped out Acid rinse tank pumped out 4716 gal of pumpable sludge. Sludge liquified when going onto truck. May have some settling in transportation

JOB COMPLETED ☑ YES ☐ NO

ANALYSIS:

QTY	TYPE	DESTINATION

SUBCONTRACTORS:

NAME OF COMPANY	DESCRIPTION

TRW-05160

Customer: T.R.W. (Company Name)
By: Samuel S Gingenti (Signature)
Samuel S Gingenti (Print Name)
Title
Date: 2-22-91

SIGNATURE: B. Joseph Earley (CLEAN HARBORS REPRESENTATIVE)
Date: 2-22-91

CHI 115

CUSTOMER

0908-0375

Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

AND CHEMOTHERAPEUTIC WASTE.

Form approved.
OMB No. 2050-0039
Expires 9-30-91

ER-WM-51 REV. 11/89

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 97272

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address:
TRW
195 Binney Street
Cambridge, MA 02142

4. Generator's Phone: (617) 494-5500

A. State Manifest Document Number: PAC 3197272

B. State Gen. ID: 12 Rogers Street

5. Transporter 1 Company Name: Jeffrey Chemical Co., Inc.

6. US EPA ID Number: MAD080030356

C. State Trans. ID: PA- AH 0350

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone: (508) 657-7560

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address:
Envirite Corp.
1600 Pennsylvania Ave.
York, PA 17404

10. US EPA ID Number: PAD010154045

F. Transporter's Phone: (508 657-7560

G. State Facility's ID:

H. Facility's Phone: (717) 846-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ Hazardous Waste Solid N.O.S. (F006) ORM-E NA9189 (F006)	001	CM	30000	P	F006
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.			c.		
b.			d.		

K. Handling Codes for Wastes Listed Above

a. 502	c.
b. 581	d.

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY TELEPHONE# [illegible]

EMERGENCY RESPONSE GUIDEBOOK#31

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — MONTH 02 DAY 26 YEAR 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Chester — Signature: James Chester — MONTH 02 DAY 26 YEAR 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: (Samuel S Girgenti) — Signature: (Samuel S Girgenti) — MONTH 02 DAY 26 YEAR 91

19. Discrepancy Indication Space: Corrections made to manifest @ TSD

29380# / ENVIRITE SCALE

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JEAN L HALL — Signature: Jean L Hall — MONTH 02 DAY 27 YEAR 91

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-4343

PAC 3197272

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 5 - TSD Facility: Mail to Generat

TRW-05161

0908-0376

TICKET 422

ENVIRITE CORP.
1600 PENNSYLVANIA AVE
YORK CITY INDUSTRIAL PARK
YORK, PA. 17404
PHONE 717 846 1900

IN 13:30

DATE	TIME
02/27/91	14:52

GROSS WEIGHT M	62900	LBS
TARE WEIGHT	33520	LBS
NET WEIGHT	29380	LBS
TRUCK ID #	540573	

TRW-05162

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

AND CHEMOTHERAPEUTIC WASTE.

Form approved.
OMB No. 2050-0039
Expires 9-30-91

ER-WM-51 REV. 11/89

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address: TRW
195 Binney Street
Cambridge, MA 02142

4. Generator's Phone (617)494-5500

A. State Manifest Document Number: PAC 3197272

B. State Gen. ID: 12 Rogers Street

5. Transporter 1 Company Name: Jeffrey Chemical Co., Inc.

6. US EPA ID Number: MAD080030356

C. State Trans. ID: PA- AB 0250

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone ( )

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address:
Envirite Corp.
1600 Pennsylvania Ave.
York, PA 17404

10. US EPA ID Number: PAD010154045

F. Transporter's Phone (508 657-7560

G. State Facility's ID

H. Facility's Phone (717) 846-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	001	[illegible]	30000	[illegible]	F006
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.			c.		
b.			d.		

K. Handling Codes for Wastes Listed Above

a.	c.
b.	d.

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY TELEPHONE# _____ EMERGENCY RESPONSE GUIDEBOOK#31

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] Signature: [illegible] MONTH DAY YEAR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] Signature: [illegible] MONTH DAY YEAR

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] Signature: [illegible] MONTH DAY YEAR

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Signature: MONTH DAY YEAR

GENERATOR

TRANSPORTER

FACILITY

PAC 3197272

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

0908-0378

TRW-05163

Copy 8 - Generator: Retain This Copy

LAND DISPOSAL NOTIFICATION/CERTIFICATION FORM

ENVIRITE CORPORATION

CUSTOMER INFORMATION:

Generator Name: TRW

Pickup Address: 12 Rogers Street Cambridge, MA 02142

Generator EPA ID #: MAD019294867 Manifest Document # per Item 1/Item A: PAC3197272

Envirite Waste Stream #'s: 11a. YS#0573 11b. _____ 11c. _____ 11d. _____

MANIFEST ITEM NUMBER	DESCRIPTION OF WASTE*			TREATABILITY INFORMATION PER 40 CFR†				
	EPA WASTE CODE	SUBCATEGORY	TREATABILITY GROUP	268.41(a)	268.43(a)	268.42(a)(1) TABLE 1 & TABLE 2	NICKEL** ≥134 mg/l	THALLIUM** ≥130 mg/l
11a.	F006		Nonwastewater	X				

* *Subcategory references to "Acid," "Alkaline," "Reactive Cyanides," and "Reactive Sulfides" are understood to be respectively Acid Subcategory—261.22(a)(1), Alkaline Subcategory—261.22(a)(1), Reactive Cyanides—261.23(a)(5), and Reactive Sulfides—261.23(a)(5). Waste analysis data, where available, accompanies this shipment.*

† *unless otherwise specified. Also, a "✓" or an "X" relates the CFR sections and paragraphs where the treatment standards appear. When required, the five-letter treatment code is specified.*

** *in liquid hazardous wastes including free liquids associated with any solid or sludge containing this metal (or element). See RCRA section 3004(d).*

≥ *denotes "greater than or equal to."*

SECTION 1: Restricted Wastes Requiring Treatment prior to Land Disposal

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated does not meet applicable treatment standards set forth in 40 CFR 268 Subpart D or exceeds the applicable prohibition levels set forth in 40 CFR 268.32 or RCRA section 3004(d); and 2) to apprise the facility of the CFR section(s) and paragraph(s) where the treatment standards appear and, where applicable, the prohibition levels set forth in 40 CFR 268.32 or RCRA section 3004(d).

Printed Name: _____ Signature/Date: _____ / _____

SECTION 2: Restricted Wastes from Generators That Can Be Land Disposed without Further Treatment

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated can be land disposed without further treatment; and 2) to certify that the waste meets the standards referenced above and does not exceed the applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Printed Name: Samuel S. Gargent Signature/Date: Samuel S Gargent, 2/26/91

SECTION 3: Restricted Wastes from Treatment Facilities That Can Be Land Disposed without Further Treatment

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated can be land disposed without further treatment; and 2) to certify that the waste meets the standards referenced above and does not exceed the applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d).

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Printed Name: Samuel S Gargenti Signature/Date: Samuel S Gargenti, 2/26/91

REV.1-7/90

TRW-05164

0908-0379

SUMMARY OF TREATMENT STANDARDS FOR WASTES SENT TO ENVIRITE

DESCRIPTION OF WASTE			TREATABILITY INFORMATION PER 40 CFR			
				TREATMENT STANDARDS		
				CONCENTRATION BASED (mg/l)		SPECIFIED TECHNOLOGY 268.42(a)(1) TABLE 1 & TABLE 2
EPA WASTE CODE	SUBCATEGORY	TREATABILITY GROUP	REGULATED CONSTITUENT	268.41(a)(1)	268.43(a)(1)	
F006		Nonwastewaters	Cadmium	0.066	NA	
			Chromium (Total)	5.2	NA	
			Lead	0.51	NA	
			Nickel	0.32	NA	
			Silver	0.072	NA	
			Cyanides (Total)	NA	590	
			Cyanides (Amenable)	NA	30	
F007		Wastewaters	Cadmium	NA	1.6	
			Chromium (Total)	NA	0.32	
			Lead	NA	0.04	
			Nickel	NA	0.44	
			Silver	NA	NA	
			Cyanides (Total)	NA	1.9	
			Cyanides (Amenable)	NA	0.1	
F007		Nonwastewaters	Cadmium	0.066	NA	
			Chromium (Total)	5.2	NA	
			Lead	0.51	NA	
			Nickel	0.32	NA	
			Silver	0.072	NA	
			Cyanides (Total)	NA	590	
			Cyanides (Amenable)	NA	30	
F008		Wastewaters	Chromium (Total)	NA	0.32	
			Lead	NA	0.04	
			Nickel	NA	0.44	
			Cyanides (Total)	NA	1.9	
			Cyanides (Amenable)	NA	0.1	

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

49664
MAF 135527

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00021
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV
195 BINNEY STREET
CAMBRIDGE, MA 02142
4. Generator's Phone (617) 494-5756

5. LAIDLAW ENV. SVCS. (NORTH EAST), INC. — US EPA ID Number: MAD000604447

6. Transporter 1 Company Name — US EPA ID Number: MAF135527
7. Transporter 2 Company Name — US EPA ID Number: MA721307
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE, MA
10. US EPA ID Number: MAD000604447

11. Transporter's Phone: (508) 583-1002
12. State Trans. ID
13. Designated Facility's Phone: (508) 683-1002
14. State Facility's ID: NOT REQUIRED

15. Waste Number and Description (Including Proper Shipping Name, Hazard Class and ID Number)	16. Containers No.	Type	17. Total Quantity	18. Unit Wt/Vol
a. STATE REGULATED OIL WASTE	17	DF	933	G
b. STATE REGULATED OIL WASTE	06	DH	1814	P
c. State Regulated OIL WASTE	01	DM	220	G
d.				

GENERATOR

J. Additional Descriptions for Materials Listed Above
MIXED

K. Handling Instructions and Additional Information
Id (cont.) Id (cont.)
Cont. dispose of Hazardous Waste

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-883-1002

Printed/Typed Name: Bruce Bickett — Signature: Bruce Bickett — Date: Month 02 Day 27 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow — Signature: Philip W. Thurlow — Date: Month 02 Day 27 Year 91
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE HARTLYLE — Signature: Dave Hartlyle — Date: Month 02 Day 27 Year 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 3-88) Previous editions are obsolete.

COPY 3: FACILITY MAILS TO GENERATOR

TRW-05166

0908-0381

... Copy of this form immediately call the National Response Center (800) 424-8802.

COPY 3 FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49664
MAF 135527

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00021
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F135527
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	17	DF	935	G	MA01
b. STATE REGULATED OIL WASTE	06	DM	1814	P	MA01
c. State Regulated Oil Waste	04	DM	220	G	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
c. Mixed oil/WATER
b. MIXED OILY DEBRIS
d.

K. Handling Codes for Wastes Listed Above
a. S01
c. S01
b. S01
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 02 Day 27 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature: Philip W. Thurlow
Date: Month 02 Day 27 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F135527 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05167

0908-0382

LADDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 49664

Generator Name/Location: TRW FASTENERS DIV, 195 BINNEY ST CAMBRIDGE MA

EPA I.D. Number: MAD001929467

Waste Profile or ARF Designation: A, B

Manifest Number: MAF135527

EPA Hazardous Waste Number(s): MAC1

Waste Analysis Attached? YES _____ NO _____ XX On file at facility

XX Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 2-27-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05168

0908-0383

FEB.

0908-0384

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49878
MAF 136895

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 100022

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F136895
B. State Gen. ID: SAME
C. State Trans. ID: MA 721801
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~STATE REGULATED OIL WASTE~~	19	DF	1,045	G	
b. STATE REGULATED OIL WASTE	06	DM	2,490	P	
c. State Regulated Oil Waste	08	DM	440	G	
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
Cont. driver R. Aiserwitz

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 03 Day 06 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature: Philip W. Thurlow
Date: Month 03 Day 06 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Manuel Avilstro
Signature: Manuel Avilstro
Date: Month 03 Day 06 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136895 COPY>3 FACILITY

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05169

0908-0385

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

49878
MAF 136895

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 00022
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F136895
B. State Gen. ID: SAME
C. State Trans. ID: MA 721804
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. STATE REGULATED OIL WASTE	19	DF	1,045	G	MA01
b. STATE REGULATED OIL WASTE	06	DM	2,490	P	MA01
c. State Regulated Oil Waste	08	DM	440	G	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER — c. mixed oil/WATER
b. MIXED OILY DEBRIS — d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 — c. S 0 1
b. S 0 1 — d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	03 06 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Philip W. Thurlow	Philip W. Th	03 06 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136895 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05170

0908-0386

Generator Name/Location: TRW Fasteners Div., 195 Binney St. Cambridge, Ma.

Sheet 1 of ___ Sheets

EPA ID Number: MAD019294867 Manifest Number: MAF 136895

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A,B	-1	MAD1							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.07	.96
5	Chlorobenzene	.25	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0387

TRW-05171

LADLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 49878

Generator Name/Location: TRW Fasteners Div., 195 Binney St, Cambridge, Ma.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B

Manifest Number: MAF 136895

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 3-6-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05172

0908-0388

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

cV 55665

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. M A D 0 1 9 2 9 4 8 6 7 — Manifest Document No. 000044

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners Division
195 Binney St. Cambridge, MA 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F319608

B. State Gen. ID: SAME

C. State Trans. ID: MA 70641

D. Transporter's Phone: 617 585-5111

E. State Trans. ID:

F. Transporter's Phone:

G. State Facility ID: Not Required

H. Facility's Phone: 617 849-1807

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: M A D 0 3 9 3 2 2 2 5 0

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Ave.
Braintree, Ma. 02184
10. US EPA ID Number: M A D 0 5 3 4 5 2 6 3 7

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Spentoil & water NON D.O.T.Regulated State Regulated	007	DM	385	G	MAD
b. ~~RQ Waste chromic acid solution, N.O.S. corrosive material UN1755~~ SG		~~DM~~		~~G~~	
c. Spent oil & speedi dri mixture NON D.O.T. Regulated State Regulated	005	DM	1760	P	MAD
d. Spent oil + water non DOT Regulated state Regulated	010	DF	550	G	MAD
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above	
MAR17154 [illegible]	[illegible]	17186	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

15. Special Handling Instructions and Additional Information

In case of emergency contact 1-800-64508265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: X Samuel S Gingenti — Signature: X Samuel S Gingenti — Date: Month 03 Day 15 Year 91

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: DAVID Spargo — Signature: David Spargo — Date: Month 03 Day 15 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY — 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: CHRIS MAKI — Signature: [signature] — Date: Month 03 Day 22 Year 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

MA F319608 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05173

0908-0389

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD012088567 — Manifest Document No. 000044

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners Division
195 Binney St. Cambridge, MA 02142

4. Generator's Phone 617 494-5808

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc. — 6. US EPA ID Number: MAD052222250

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Ave.
Braintree, Ma. 02184 — 10. US EPA ID Number: MAD053452557

A. State Manifest Document Number: MA F319608
B. State Gen. ID.
C. State Trans. ID. 1 MA 9 10641
D. Transporter's Phone ( )
E. State Trans. ID. 617 585-5111
F. Transporter's Phone ( )
G. State Facility ID Not Required
H. Facility's Phone 617 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Spentoil & water NON D.O.T.Regulated	001	DM	385	G	[illegible]
b. ~~RQ Waste chromic acid solution, N.O.S. corrosive material UN1755~~ State Regulated					
c. Spent oil & speedi dri mixture NON D.O.T. Regulated	005	DM	1760	P	[illegible]
d. Spent oil + water State Regulated	010	DF	550	G	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state, packaging, and hazard class) — K. Handling Codes for Wastes Listed Above
a. R17154 oil & [illegible] — b. R17126 [illegible]
c. R17120 chromic [illegible] — d. R17115 [illegible]

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-64508265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel Sciarretti — Signature: [signature] — Date: Month 03 Day 15 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: David Sayo — Signature: [signature] — Date: Month 03 Day 15 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F319608 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05174

0908-0390

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

50115
MAF 135135

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00023
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F135135
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA 972705
D. Transporter's Phone: 508 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. STATE REGULATED OIL WASTE	24	DF	1320	G	MA01
b. STATE REGULATED OIL WASTE	03	DM	838	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include Proper Shipping Name and Hazard Class)
a. MIXED OIL/
b. MIXED OIL/

15. Special Handling Instructions and Additional Information
Ia (cont.) 22 x DF
2 x DM
Ib (cont.)
Ic (cont.)
Id (cont.)
cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Edwin B. Ricketts	Edwin B. Ricketts	03 13 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald Bozeman	Donald Bozeman	03 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	03 13 91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F135135 COPY 3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05175

0908-0391

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

50115
MAF 135135

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00023
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F135135
B. State Gen. ID: SAME
C. State Trans. ID: MA 272705
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	24	DF	1320	G	MA01
b. STATE REGULATED OIL WASTE	03	DM	838	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Edwin B. Ricketts	Edwin B. Ricketts	03 13 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald Bergeron	Donald Bergeron	03 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F135135 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05176

0908-0392

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 50115

Generator Name/Location: TRW FASTENERS Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: A, B

Manifest Number: MAF 135135

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO _____ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Edwin B. Ricketts DATE: 3-13-91

PRINT NAME: Edwin B. Ricketts TITLE:

0908-0393

TRW-05177

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

50587
MAF 126223

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00025
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F126223
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE A	30	DF	1650	G	MA01
b. STATE REGULATED OIL WASTE B	01	Dm	370	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Line Item A 27-DF 3-Dm
cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
x Samuel S Gingenti	x Samuel S. Gingenti	03 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald Bozeman	Donald Bozeman	03 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	03 27 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

GENERATOR

TRANSPORTER

FACILITY

MA F126223 COPY>3: FACILITY MAILS TO GENERATOR.

COPY>3: FACILITY MAILS TO GENI

0908-0394

TRW-05178

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

50587
MAF 126223

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00026
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F126223
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE A	30	DF	1650	G	MA01
b. STATE REGULATED OIL WASTE	01	Dm	370	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
Line Item A 27 - DF
3 - Dm

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
x Samuel S Girgenti	x Samuel Girgenti	03 12 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
DONALD BOREMAN	Donald Boreman	03 12 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

GENERATOR

TRANSPORTER

FACILITY

MA F126223 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS 0908-0395 TRW-05179

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 25537

Generator Name/Location: TRW FASTENERS DIV Cambridge MA

EPA I.D. Number: MAD 019 294 867

Waste Profile or ARF Designation: A.B

Manifest Number: MHF 121233

EPA Hazardous Waste Number(s): MAC1

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Samuel S Ginyenti DATE: 3/27/91

PRINT NAME: Samuel S Ginyenti TITLE: Chief Operator

TRW-05180

0908-0396

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MA01							

TRW-05181

0908-0397

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

C 56676

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

00025

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: ~~[illegible]~~
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone ( )

A. State Manifest Document Number: MA F319078
B. State Gen. ID: SAME

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250
C. State Trans. ID: NA70852

7. Transporter 2 Company Name:
8. US EPA ID Number:
D. Transporter's Phone (617) 585-5111
E. State Trans. ID:

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184
10. US EPA ID Number: MAD053452637
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 1,1,1 TRICHLOROETHANE ORM-A UN2831	001	DF	00055	G	F002
b. SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	020	DF DM	01100	G	MA01
c. WASTE COMBUSTIBLE LIQUID N.O.S. COMBUSTIBLE LIQUID NA1993 (LACQUER & WATER)	001	DF	00055	G	MA99
d. SPENT OILY DEBRIS NOT D.O.T. REGULATED	005	DM	01510	P	MA01

J. Additional Descriptions for Materials Listed Above (include ph[illegible])
a. R17122 (L)(T) OIL & 1,1,1 [illegible] & WATER
b. R17154 OIL & WATER (L)(T) [illegible]
c. [illegible]
d. R171[illegible]

K. Handling Codes for Wastes Listed Above
a. S02 S02
b. S02 S01

15. [illegible] Additional Information
IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 03 Day 22 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Purcell — Signature: Mark Purcell — Date: Month 03 Day 22 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space
Sect. 4 617-494-5500

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michael Berry — Signature: [signature] — Date: Month 03 Day 22 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F319078 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05182

0908-0398

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 00025

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: [illegible]
2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENER DIVISION
195 BINNEY ST., CAMBRIDGE, MA. 02142

4. Generator's Phone ( )

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE.
BRAINTREE, MA. 02184
10. US EPA ID Number: MAD053452637

A. State Manifest Document Number: MA F319078
B. State Gen. ID: [illegible]
C. State Trans. ID: MA908552
D. Transporter's Phone (617) 585-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a WASTE 1,1,1 TRICHLOROETHANE ORM-A UN2831	0011	DF	000551	G	[illegible]
b SPENT OIL & WATER MIXTURE NON D.O.T. REGULATED	0120	DF	01111010	G	[illegible]
c WASTE COMBUSTIBLE LIQUID N.O.S. COMBUSTIBLE LIQUID NA1993 (LACQUER & WATER)	0011	DF	000551	G	[illegible]
d SPENT OILY DEBRIS NOT D.O.T. REGULATED	0015	DM	011510	P	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state and [illegible]) — Handling Codes for Wastes Listed Above

a. R17122 [illegible] 1,1,1 — c. S10187 (L) [illegible]
b. R17154 [illegible] (L)(T) — d. R17126 (S) [illegible]

1. [illegible] Additional Information
IN CASE OF AN EMERGENCY CALL 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year: 03 22 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year: 03 22 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F319078 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05183

0908-0399

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

57067 CV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 00027

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 19086
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
195 Binney St. Cambridge, Ma. 02142
4. Generator's Phone (617 494-5808

A. State Manifest Document Number: MA F319086
B. State Gen. ID: SAME
C. State Trans. ID: M9708552
D. Transporter's Phone: 617 585-5111
E. State Trans. ID:
F. Transporter's Phone: ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 617 849-1807

5. Transporter 1 Company Name: Clean Harbors of Kingston Inc.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Ave
Braintree, Ma. 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Spent oil and water non D.O.T. regulated	34	DF	01980	G	MA 01
b. Spent oily debris non D.O.T. regulated	002	DM	00718	P	MA 01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code)
a. R17154 oil and water (L) (T) 33 DF/1 DM
b. R17126 oil and speedi dri (T) (S)
c.
d.

K. Handling Codes for Wastes Listed Above
a. 302
b. 301
c.
d.

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-645-8265

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Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 03 Day 29 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark J. Puccell — Signature: Mark J. Puccell — Date: Month 03 Day 29 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Barry Toggart — Signature: Barry Toggart — Date: Month 03 Day 31 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F319086 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05184

0908-0400

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 00027

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 19086
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fastener Division
195 Binney St. Cambridge, Ma. 02142

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: Clean Harbors of Kingston Inc.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc.
385 Quincy Ave
Braintree, Ma. 02184

10. US EPA ID Number: MAD053452637

A. State Manifest Document Number: MA F319086
B. State Gen. ID: [illegible]
C. State Trans. ID: [illegible]
D. Transporter's Phone: 617 585-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 617 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Spent oil and water non D.O.T. regulated	34	DM	01950	G	MA01
b. Spent oily debris non D.O.T. regulated	002	DM	00718	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical [illegible]) — Handling Codes for Wastes Listed Above
[illegible]

15. Special Handling Instructions and Additional Information
In case of emergency contact 1-800-645-8265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year: 05 25 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year: 05 25 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F319086 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05185

0908-0401

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B1319

TK 157 326 57235

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD001894867 Manifest Document No. FAD49

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTNERS, 195 BINNEY ST

4. Generator's Phone 617 494-5808 CAMBRIDGE MA

A. State Manifest Document Number: MA F322049

B. State Gen. ID: SAME

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON — 6. US EPA ID Number: MAD000825225

C. State Trans. ID: MAT 44090

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone: 617 585-5110

E. State Trans. ID

9. Designated Facility Name and Site Address: CLEAN HARBORS OF BRAINTREE INC, 385 QUINCY AVE, BRAINTREE MA — 10. US EPA ID Number: MAD053452617

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone 617 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. USED OIL + WATER MIXTURE NON DOT REGULATED MATERIAL	001	TT	04400	G	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.) — K. Handling Codes for Wastes Listed Above

a. (RQ) Hydrocarbon oil — c.

b. — d.

15. Special Handling Instructions and Additional Information: FOR EMERGENCY CALL 1-800-OIL-TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Gingenti — Signature: Samuel S Gingenti — Date: Month 03 Day 30 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: JOSEPH PHILLIPS — Signature: Joseph Phillips — Date: Month 03 Day 30 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space: Section D "617-555-5111" SEC 5 Add "INC" Section 9: 02184

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Glenn C. McGeoghegan — Signature: Glenn C. McGeoghegan — Date: Month 03 Day 30 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F322049 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05186

0908-0402

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B1319

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

TR 157 326

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD 114294361 Manifest Document No. 140

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address TRW FASTENERS

4. Generator's Phone ( ) 861

A. State Manifest Document Number MA F322049

B. State Gen. ID SAME

5. Transporter 1 Company Name

6. US EPA ID Number MAD 053 993 015

C. State Trans. ID MA 144090

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone ( ) 585 5410

E. State Trans. ID

9. Designated Facility Name and Site Address CLEAN HARBORS OF BRAINTREE INC 325 AVON ST BRAINTREE MA

10. US EPA ID Number MAD 053 452 602

F. Transporter's Phone ( )

G. State Facility's ID Not Required

H. Facility's Phone ( ) 849 1860

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. USED OIL & WATER MIXTURE NON DOT REGULATED MATERIAL	001	TT	014420	G	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard class)

(R17154 HEALTH HAZ OIL

K. Handling Codes for Wastes Listed Above

a.

b.

15. Special Handling Instructions and Additional Information

FOR EMERGENCY CALL

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Date Month Day Year 03 8 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name JOSEPH PHILLIPS | Signature | Date Month Day Year 03 8 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Date Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F322049 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05187

0908-0403

Manifest File 3/30 OVERFLOW Dept 235 (Galvanized area)

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B1319

TK 157 326

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. F2049
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTNERS, 175 BINNEY ST
4. Generator's Phone (617) 494-5008 CAMBRIDGE MA
A. State Manifest Document Number: MA F322049
B. State Gen. ID: SAME
5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON
6. US EPA ID Number: MAD039322250
C. State Trans. ID: MA 44090
7. Transporter 2 Company Name:
8. US EPA ID Number:
D. Transporter's Phone (617) 585-5112
E. State Trans. ID:
9. Designated Facility Name and Site Address: CLEAN HARBORS OF BRAINTREE INC, 385 QUINCY AVE. BRAINTREE MA.
10. US EPA ID Number: MAD053452637
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. USED OIL & WATER MIXTURE NON DOT REGULATED MATERIAL	001	TT	04420	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.) (R17154)
a. H2O WITH TRACE OIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
FOR EMERGENCY CALL
1-800-OIL-TANK

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] Signature: [signature] Date: Month 03 Day 30 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOSEPH PHILLIPS Signature: [signature] Date: Month 03 Day 30 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date: Month Day Year

19. Discrepancy Indication Space

TRW-05188

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F322049 COPY>6: GENERATOR MAILS TO DESTINATION STATE

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0404

COPY>6: GENERATOR MAILS TO DESTINATION STATE

TRW

PURCHASE REQUISITION

ORDER NO. _____

DATE 4/2/91

SUGGESTED SUPPLIER Clean Harbors

SHIP TO: _____

Job # B1319

TAXABLE ☐ YES ☐ NO

DEPARTMENT	ACCOUNT NO.	VENDOR CODE	TERMS	F.O.B.	VIA	DATE NEEDED
730						

PART NO.	DESCRIPTION	QUANTITY	PRICE
	Emergency Pump out of 4,420 gal of Water + oil on 3/30/91. This Price is also for the Disposal of Said Product. Manifest # MA F322049	4,420 gal	$4,800

RECEIVED

APR - 3 1991

L. J. SULLIVAN

PART NUMBER (S) IF APPLICABLE _____

CONFIRMED TO:

DELIVERY:

ISSUED BY Sam Girgenti

APPROVALS

TRW-05189

0908-0405

'91 04/01 16:54 ☎ 617 268 7832 CHI-SO BOSTON 02

530 EAST FIRST STREET
SOUTH BOSTON, MA. 02127
617-269-5830

CleanHarbors
ENVIRONMENTAL SERVICES COMPANIES
O-3442, BOSTON, MA 02241-3442
(617) 849-1800

PREVIEW PREVIEW PREVIEW PREVIEW

SOLD TO

T R W CORPORATION
195 BINNEY STREET
CAMBRIDGE, MA 02142

JOB DESC.

EMERGENCY PUMP OUT OF TRE
PER PETER PRICE

195 BINNEY STREET
JOB SITE CAMBRIDGE, MA 02142

CUSTOMER	JOB NO.	PURCHASE ORDER NO.	DATE WORK PERFORMED	TERMS	INVOICE DATE	INVOICE
TRW101	B1319			NET 30	04/01/91	SB152

QUANTITY	ITEM I.D	DESCRIPTION	PRICE	U/M	AMOUNT
		03/30/91			
4420.00	DISPOSAL	OIL & WATER-MAF322049	0.58	GAL	2563.6
1.00	OTHER	CONTRACT PRICE	1352.40		1352.4

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 2

To Sam Girgenti	From Corraine
Co.	Co. CHI
Dept.	Phone #
Fax #	Fax # 269-5616

TRW-05190

INVOICE TOTAL
TAX
TRANSPORTATION
PREPAID

INVOICE TOTAL

0908-0406

JOB # B1319
DAY & DATE 3-30-91
CONTACT PERSON SAM GIRGENTI
PHONE # 617 494-5808

CleanHarbors
(24 HOUR SERVICE)

P.O. # 1
T & M ☑
CONTRACT ☐
DEPART FROM SHOP
ARRIVE BACK AT SHOP
OR ARRIVE AT NEXT JOB

CLIENT TRW
BILLING ADDRESS 195 BINNEY ST.
CAMBRIDGE MA ATTN:

JOB LOCATION SAME

LABOR:

NAME	TITLE	ST	OT	DT
	SUPERVISOR			
	FOREMAN			
	FOREMAN			
JOE PHILLIPS	EQUIPMENT OPERATOR		7	
	FIELD TECH			
	FIELD TECH			
	FIELD TECH			
	FIELD CHEMIST			
	HC		½ Hr	

EQUIPMENT:

QTY	TYPE	FLEET #	# OF HRS	✓ IF DAILY RA
	PICK-UP TRUCK			
1	VACUUM TRAILER	324	7	
1	TRACTOR	157	7	
	VACUUM ST. TRUCK			
	BOX TRUCK			
	VACTOR			
	COMPRESSOR			
	BACKHOE			
	BOBCAT			
	RESPIRATOR (1/2 FACE)			
	RESPIRATOR (FULL)			
	RACK TRUCK			
	EXPLOSION METER			

DISPOSAL:

DESTINATION	AMOUNT		MANIFEST #
LIQUID (BULK)	4420 GALS.		MAF 302049
ESTIMATED SOLIDS IN BULK LOAD (IN GALS)	GALS.		
SOLID (BULK)	TNS/YDS		
LIQUID (DRUMS)	# OF DRUMS	AMT GALS.	
SOLID (DRUMS)	# OF DRUMS	AMT LBS.	
ADDITIONAL INFO:			

MATERIAL:

QTY	DESCRIPTION	QTY	DESCRIPTION
	SPEEDI DRI		COMBO CARTRIDGES
	17-H DRUM		CHEMICAL CARTRIDGES
	YELLOW TYVEK		
	RAIN GEAR		
	GLOVES		
	SORBENT PADS BL.		
	SORBENT BOOM EA.		
	SORBENT BOOM BL.		
	5-GAL. BUCKET		
	DUCT TAPE		
	AIR BOTTLE		
	OVERBOOTS		
	CHICKEN BOOTS		
	DEGREASER (5 GAL.)		
	PENETONE (1 GAL.)		

JOB DESCRIPTION:

TRAVEL TO JOB SITE PUMP OUT WATER + OIL PIT MANIFEST + TRANSPORT LOAD TO BRANTLE FACILITY FOR LAB TEST OFF LOADING + RINSE OUT - RETURN TO SO BOSTON

(HC ½ Hr PROBLEM WITH TRUCK)

JOB COMPLETED ☑ YES ☐ NO

ANALYSIS:

QTY	TYPE	DESTINATION

SUBCONTRACTORS:

NAME OF COMPANY	DESCRIPTION

TRW-05191

SIGNATURE: [signature] (CLEAN HARBORS REPRESENTATIVE)

Date: 3/30/91

CH# 115

Customer: TRW (Company Name)
By: [signature] Signature
Samuel S Girgenti Print Name
Chief Operator Title
Date: 3/21/91

CUSTOMER

0908-0407

Dept 235 — Pump out 3/30/91

TRW

PURCHASE REQUISITION

ORDER NO. _____

DATE 4/2/91

SUGGESTED SUPPLIER: Clean Harbors

Job # B1319

SHIP TO: _____

TAXABLE ☐ YES ☐ NO

DEPARTMENT	ACCOUNT NO.	VENDOR CODE	TERMS	F.O.B.	VIA	DATE NEEDED
730						

PART NO.	DESCRIPTION	QUANTITY	PRICE
	Emergency Pump out of 4,420 gal of Water + oil on 3/30/91. This Price is also for the Disposal of Said Product. Manifest # MA F322049	4,420 gal	$4,800

PART NUMBER (S) IF APPLICABLE _____

CONFIRMED TO: _____ DELIVERY: _____

ISSUED BY: Sam Girgenti

APPROVALS

Dept 235 Pump out 3/30/91

0908-0408

TRW-05192

INVOICE

CLEAN HRBRS.OF KINGSTON INC/SB
530 EAST FIRST STREET
SOUTH BOSTON, MA. 02127
617-269-5830

REMIT TO:
CleanHarbors
ENVIRONMENTAL SERVICES COMPANIES
D-3442, BOSTON, MA 02241-3442
(617) 849-1800

JOB DESC:

SOLD TO
T R W CORPORATION

195 BINNEY STREET
CAMBRIDGE, MA 02142

EMERGENCY PUMP OUT OF TRENC
PER PETER PRICE Dept 23

195 BINNEY STREET
JOB SITE CAMBRIDGE, MA 02142

CUSTOMER	JOB NO.	PURCHASE ORDER NO.	DATE WORK PERFORMED	TERMS	INVOICE DATE	INVOICE NO
TRW101	B1319	.	SEE TOTAL PAGE	NET 30 *	04/02/91	SB1521

QUANTITY	ITEM I.D.	DESCRIPTION	PRICE	U/M		AMOUNT
		-COST CATEGORY TOTALS-				
		LABOR				0.00
		PER DIEM				0.00
		EQUIPMENT				0.00
		MATERIAL				0.00
		ANALYSIS				0.00
		TRANSPORTATION				0.00
		DISPOSAL				2,563.60
		SECURITY				0.00
		MISC.& OTHER				1,352.40
		DRUM STORAGE				0.00

ACCOUNTS PAYABLE
APR 16 1991
RECEIVED

Sam Gingento

TRW-05193

JOB TOTAL:	3,916.00
State Fee-	0.00
	884.00
INVOICE TOTAL	4,800.00

INVOICE TOTAL
TAX
TRANSPORTATION
PREPAID

TERMS:
NET 30 FROM LAST DAY OF WORK ON THIS INVOICE (03/30/91)
* * * * * * * * * * * * * * *

0908-0409

INVOICE

EAN HRBRS.OF KINGSTON INC/SB
530 EAST FIRST STREET
SOUTH BOSTON, MA. 02127
617-269-5830

REMIT TO:
CleanHarbors
ENVIRONMENTAL SERVICES COMPANIES
D-3442, BOSTON, MA 02241-3442
(617) 849-1800

PAGE: 1

JOB DESC:

SOLD TO
T R W CORPORATION

195 BINNEY STREET
CAMBRIDGE, MA 02142

EMERGENCY PUMP OUT OF TRENC
PER PETER PRICE

195 BINNEY STREET
JOB SITE CAMBRIDGE, MA 02142

CUSTOMER	JOB NO.	PURCHASE ORDER NO.	DATE WORK PERFORMED	TERMS	INVOICE DATE	INVOICE N
TRW101	B1319	.	SEE TOTAL PAGE	NET 30 *	04/02/91	SB1521

QUANTITY	ITEM I.D.	DESCRIPTION	PRICE	U/M		AMOUNT
		03/30/91				
4420.00	DISPOSAL	OIL & WATER-MAF322049	0.58	GAL		2563.60
1.00	OTHER	CONTRACT PRICE	1352.40			1352.40

INVOICE TOTAL
TAX
TRANSPORTATION
PREPAID

TRW-05194

INVOICE TOTAL

0908-0410

319

DATE 3-30-91

CONTACT PERSON SAM GIBERTI

PHONE # 617 494-5808

CleanHarbors

(24 HOUR SERVICE)

P.O. # /

T & M ☑

CONTRACT ☐

DEPART FROM SHOP

ARRIVE BACK AT SHOP

OR ARRIVE AT NEXT JOB

CLIENT TRW

BILLING ADDRESS 195 BINNEY ST.

CAMBRIDGE MA ATTN:

JOB LOCATION HMM

LABOR:

NAME	TITLE	ST	OT	DT
	SUPERVISOR			
	FOREMAN			
	FOREMAN			
JOE PHILLIPS	EQUIPMENT OPERATOR		7	
	FIELD TECH			
	FIELD TECH			
	FIELD TECH			
	FIELD CHEMIST			
	HC		1/2	HAZ

EQUIPMENT:

QTY	TYPE	FLEET #	# OF HRS	√IF DAILY RATE
	PICK-UP TRUCK			
1	VACUUM TRAILER	324	7	
1	TRACTOR	151	7	
	VACUUM ST. TRUCK			
	BOX TRUCK			
	VACTOR			
	COMPRESSOR			
	BACKHOE			
	BOBCAT			
	RESPIRATOR (1/2 FACE)			
	RESPIRATOR (FULL)			
	RACK TRUCK			
	EXPLOSION METER			

DISPOSAL:

DESTINATION	AMOUNT		MANIFEST #
LIQUID (BULK)	4420 GALS.		MA 382049
ESTIMATED SOLIDS IN BULK LOAD (IN GALS)	GALS.		
SOLID (BULK)	TONS/YDS.		
LIQUID (DRUMS)	# OF DRUMS	AMT GALS.	
SOLID (DRUMS)	# OF DRUMS	AMT LBS.	
ADDITIONAL INFO:			

MATERIAL:

QTY	DESCRIPTION	QTY	DESCRIPTION
	SPEEDI DRI		COMBO CARTRIDGES
	17-H DRUM		CHEMICAL CARTRIDGES
	YELLOW TYVEK		
	RAIN GEAR		
	GLOVES		
	SORBENT PADS BL.		
	SORBENT BOOM EA.		
	SORBENT BOOM BL.		
	5-GAL. BUCKET		
	DUCT TAPE		
	AIR BOTTLE		
	OVERBOOTS		
	CHICKEN BOOTS		
	DEGREASER (5 GAL.)		
	PENETONE (1 GAL.)		

JOB DESCRIPTION:

TRAVEL TO JOB SITE PUMP
OUT WATER + OIL DRUM
MANIFEST + TRANSPORT
LOAD TO BARRETTA PAINT
FOR LAB TEST OF
LIQUIDS - RINSE OUT
- RETURN TO SAUGUS
HC 1/2 HR VARIES WITH TRUCK

JOB COMPLETED ☑ YES ☐ NO

ANALYSIS:

QTY	TYPE	DESTINATION

SUBCONTRACTORS:

NAME OF COMPANY	DESCRIPTION

SIGNATURE: (CLEAN HARBORS REPRESENTATIVE)

Date:

CH 115

Customer: TRW (Company Name)

By: Signature

Print Name

Title

Date:

TRW-05195

0908-0411

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: MAD019294867 — Manifest Document No.: 00001
2. Page 1 of

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners, Inc.
195 Binney Street, Cambridge, MA 02142

4. Generator's Phone (617) 598-5805

A. State Manifest Document No. NY B 532053 9

B. Generator's ID: Same

5. Transporter 1 (Company Name): Chemical Waste Management

6. US EPA ID Number: ILD099202681

C. State Transporter's ID: 753852 NY

D. Transporter's Phone (201) 465-2121

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
RWM Chemical Services, Inc.
1550 Balmer Rd.
Model City, NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility's ID

H. Facility's Phone: 716-754-8231

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA 9189 (F006 Sludge)	XX1	CM	XXX14	YS	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge 95-100%; debris (PPE) 0-5%
a c
b d

K. Handling Codes for Wastes Listed Above
a L c
b d

15. Special Handling Instructions and Additional Information
PLEASE RECERTIFY THIS LOAN AND TAKE A SAMPLE AT ARRIVAL
Profile No. K50992MDC
Work Order No.: 188479
In case of emergency contact CWM @ 205/852-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S. Gingenti — Signature: Samuel S. Gingenti — Mo. Day Year: 03 31 92

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: George McMurdo — Signature: George McMurdo — Mo. Day Year: 03 31 92

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space
Actual Qty Rec'd 7320P

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle R. Ligammari — Signature: Michelle R. Ligammari — Mo. Day Year: 04 01 92

NY B 532053 9

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator-mailed by TSD

TRW-05196

0908-0412

PRESS HARD—You Are Writing Through Eight Copies
(See Reverse Side for Instructions)

48-14-1 (3/89)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: MAD019294867 — Manifest Document No.: 000001
2. Page 1 of — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners, Inc.
195 Binney Street, Cambridge, MA 02142
4. Generator's Phone (617) 494-5805

A. State Manifest Document No.: NY B532053 9
B. Generator's ID: Same
C. State Transporter's ID: 75385.8 NY
D. Transporter's Phone (201) 465-2121
E. State Transporter's ID
F. Transporter's Phone ( )
G. State Facility's ID
H. Facility's Phone (716-) 754-8231

5. Transporter 1 (Company Name): Chemical Waste Management
6. US EPA ID Number: ILD099202681
7. Transporter 2 (Company Name)
8. US EPA ID Number

9. Designated Facility Name and Site Address
CWM Chemical Services, Inc.
1550 Balmer Rd.
Model City, NY 14107
10. US EPA ID Number: NYD049836679

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA 9189 (F006 Sludge)	XX1	CM	XXX14	Yds	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge 95-100%; debris (PPE) 0-5%
a c
b d

K. Handling Codes for Wastes Listed Above
a L c
b d

15. Special Handling Instructions and Additional Information
PLEASE RECERTIFY THIS LOAD AND TAKE A SAMPLE AT ARRIVAL
Profile No. K50992MDC
Work Order No.: 188479
In case of emergency contact CWM @ 205/652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Gingenti — Signature: Samuel S Gingenti — Mo. Day Year: 03 31 92

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: George McMurdo — Signature: George McMurdo — Mo. Day Year: 03 31 92

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day Year

TRW-05197

19. Discrepancy Indication Space

0908-0413

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Mo. Day Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENERS

Manifest Doc. No.: 00001

CWM Profile Number: K509912 MDC

State Manifest No. NYB5320539

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☑ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1 or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, A Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS 6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F009		✓	✓			A(metal)
2	F006		✓		✓		D(CN)
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

TRW-05198

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

0908-0414

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Samuel A. Argento Title Chief Operator Date 3/31/92

© 1990 Chemical Waste Management, Inc.

48-14-1 (3/89)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: MA001929486 — Manifest Document No.: 700001

2. Page 1 of

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners, Inc.
195 Binney Street, Cambridge, MA 02142

4. Generator's Phone (617) 998-5805

A. State Manifest Document No. NY B532053 9

B. Generator's ID: Same

5. Transporter 1 (Company Name): Chemical Waste Management

6. US EPA ID Number: ILD099202681

C. State Transporter's ID: 75385-2 NY

D. Transporter's Phone (201) 465-2131

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
RWM Chemical Services, Inc.
1550 Balmer Rd.
Model City, NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility's ID

H. Facility's Phone: 716-754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA 9189 (F006 Sludge)	XXI	M	XXXIV	YK	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge 55-100%; debris (PPE) 0-5%

a c

b d

K. Handling Codes for Wastes Listed Above
a L c
b d

15. Special Handling Instructions and Additional Information
PLEASE RECERTIFY THIS LOAD AND TAKE A SAMPLE AT ARRIVAL
Profile No. K5009ZMDC
Work Order No.: 188479
In case of emergency contact CWM @ 205/652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S. Cuzzetti — Signature: Samuel S. Cuzzetti — Mo. Day Year: 03 31 92

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: George McMurdo — Signature: George McMurdo — Mo. Day Year: 03 31 92

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Mo. Day Year

GENERATOR — TRANSPORTER — FACILITY

NY B 532053 9

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0415

TRW-05199

COPY 8 – Generator – retained by generator

0908-0416

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

50896
MAF 138533

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00028
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
TRW FASTENERS DIV
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 49[illegible]5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address:
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F138533
B. State Gen. ID: SAME
C. State Trans. ID: MA 721 804
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
WASTE 1-1-1 TRICHLOROETHANE ORM-A UN2831	01	DF	55	G	F001
STATE REGULATED OIL WASTE	24	DF	1,320	G	MA01
STATE REGULATED OIL WASTE	04	DM	1,422	P	MA01
State Regulated Oil Waste	05	DF	275	G	[illegible]

a. [illegible]
b. MIXED [illegible]
c. [illegible] WATER
d. [illegible]

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

cont-driver R Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place [illegible] and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 04 Day 08 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow — Signature: [signature] — Date: Month 04 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle Calisto — Signature: Michelle Calisto — Date: Month 04 Day 08 Year 91

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05200

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F138533 COPY>3: FACILITY MAILS TO GENERATOR

0908-0417

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

50896
MAF 138533

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00028
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F138533
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA721804
D. Transporter's Phone: 508 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 1-1-1 TRICHLOROETHANE ORM-A UN2831	01	DF	55	G	F001
b. STATE REGULATED OIL WASTE	24	DF	1,320	G	MA01
c. STATE REGULATED OIL WASTE	04	DM	1,422	P	MA01
d. State Regulated Oil Waste	05	DF	275	G	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. OIL/1-1-1
c. MIXED OILY DEBRIS
b. MIXED OIL/WATER
d. mixed oil/WATER

K. Handling Codes for Wastes Listed Above
a. S 0 1
c. S 0 1
b. S 0 1
d. S 01

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 04 Day 08 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature: [illegible]
Date: Month 04 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F138533 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05201

0908-0418

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: TRW Fasteners Div., 195 Binney St., Cambridge, Ma. Pick Up # 50896

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B, H

Manifest Number: MAF138533

EPA Hazardous Waste Number(s): MAD1, F001

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

see back

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

_____

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Edwin B. Ricketts DATE: 4-8-91

PRINT NAME: Edwin B. Ricketts TITLE: _____

TRW-05202

0908-0419

Generator Name/Location: TRW Fasteners Div., 195 Binney St., Cambridge, Ma.

Sheet 1 of ____ Sheets

EPA ID Number: MAD019294867 Manifest Number: MAF 138-533

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MA01							
H	2	F001			NWW			22	

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	Concentration (in mg/l) All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluromethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0420

TRW-05203

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

51065
MAF 138840

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00029
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F138840
B. State Gen. ID:
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Quantity	14. Wt/Vol	
GENERATOR: a. STATE REGULATED OIL WASTE A	23	DF	1265	G	[illegible]
b. STATE REGULATED OIL WASTE B	02	DM	914	P	[illegible]
c. RQ HAZARDOUS SUBSTANCE SOLID NOS. NA9188 ORM-E R	01	DM	233	P	[illegible]
d.					

J. Additional Descriptions (Including Proper Shipping Name, Hazard Class and ID Number)
A. [illegible]
b. [illegible]
c. [illegible]
d. [illegible]

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
LINE ITEM A 18 x DF 5 x DM

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to [illegible] to be economically practicable [illegible] storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Girgenti	Samuel S Girgenti	04 12 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald Bozeman	Donald Bozeman	04 12 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	04 12 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F138840 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05204

0908-0421

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51065
MAF 138840

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00029
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F138840
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE A	23	DF	1265	G	MA01
b. STATE REGULATED oil WASTE B	02	DM	914	P	MA01
c. RQ HAZARDOUS SUBSTANCE SOLID NOS NA9188 ORM-E R	01	DM	233	P	MA99
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
A a. MIXED OIL/WATER
b. mixed oil Debris
c. nickel salts + filters
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Line Item A 18 x DF 5 x DM

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gregorati — Signature: Samuel S Gregorati — Date: Month 04 Day 15 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman — Signature: Donald Bozeman — Date: Month 04 Day 15 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F138840 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05205

0908-0422

LADDEAN ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 51065

Generator Name/Location: TRW FASTENERS Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: A B R

Manifest Number: MAF138840

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES ____ NO ✓ ____ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Samuel S Gingenti DATE: 4/12/91

PRINT NAME: Samuel S Gingenti TITLE: Chief Operator

TRW-05206

0908-0423

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ **Manifest Number:** _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
R	1	MA99				N/A			

TRW-05207

0908-0424

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichlorrethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

51174
MAF 138152

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 00030
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F138152
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. LAIDLAW ENVIR. SVCS. (NORTH EAST) INC. 6. US EPA ID Number MAD000604447
7. Transporter 2 Company Name 8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	Waste No.
GENERATOR a. STATE REGULATED OIL WASTE	3	DM	1925	G	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include Physical State, Proper Shipping Name, Hazard Class and ID Number)
a. c.
b. d.
K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
CONTAINER # A-2-2-0011

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Month	Day	Year
Bruce Bykoski	Bruce Bykoski	04	16	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Jelley	Robert Jelley	04	16	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVE GULLFOYLE	Dave Gullfoyle	04	16	91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F138152 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05208

0908-0425

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 138152

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 00030
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TEN FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5750

A. State Manifest Document Number MA F138152
B. State Gen. ID SAME
C. State Trans. ID MA972-209
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number MAD000650447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
400 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000650447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	3	DM	1725	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
MIXED OIL/WATER
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 c.
b. d.

15. Special Handling Instructions and Additional Information
EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Bickett
Signature: Bruce Bickett
Date: Month 04 Day 16 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ROBERT FELLEY
Signature: Robert Felley
Date: Month 04 Day 16 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F138152 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05209

0908-0426

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 5174

Generator Name/Location: TRW - Cambridge Mass

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: H

Manifest Number: MAF138152.

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO _____ y On file at facility.

Y Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 4-16-91

PRINT NAME: Bruce Ricketts TITLE:

TRW-05210

0908-0427

Generator Name/Location: _____ Sheet 1 of _____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other

TRW-05211

0908-0428

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

AND CHEMOTHERAPEUTIC WASTE.

YS# 0573

Form approved.
OMB No. 2050-0039
Expires 9-30-91

ER-WM-51 REV. 11/89

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD 019294867 — Manifest Document No.: 97364

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address:
TRW
195 Binney Street
Cambridge, MA 02142

4. Generator's Phone: (617) 494-5500

A. State Manifest Document Number: PAC 3197364

B. State Gen. ID: 12 Rogers Street

5. Transporter 1 Company Name: Jeffrey Chemical Co., Inc.

6. US EPA ID Number: MAD 080030356

C. State Trans. ID: PA- AH 0350

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone: (508) 657-7560

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address:
Envirite Corporation
1600 Pennsylvania Ave.
York, PA 17404

10. US EPA ID Number: PAD 010154045

F. Transporter's Phone: (508) 657-7560

G. State Facility's ID:

H. Facility's Phone: (717) 846-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAzardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	001	CM	30000	P	F006
b.					
c. mins.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.			c.		
b.			d.		

K. Handling Codes for Wastes Listed Above: 502 081 121

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE# (617) 117 5868

EMERGENCY RESPONSE GUIDEBOOK#31
YS#0573

Samuel Girgenti

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [signature] — Signature: [signature] — MONTH DAY YEAR: 04 17 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Chester — Signature: James Chester — MONTH DAY YEAR: 04 17 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — MONTH DAY YEAR:

19. Discrepancy Indication Space: Manifest Document # / Trans Phone no. added to manifest @ TSD
31960 # per ENVIRITE scale

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: BARBARA ZUERCHER — Signature: Barbara Zuercher — MONTH DAY YEAR: 04 17 91

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-4343

PAC 3197364

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 5 - TSD Facility: Mail to Generator

TRW-05212

0908-0429

PAC 3197364
(Food) PIT #3

TICKET 181

ENVIRITE CORP.
1600 PENNSYLVANIA AVE
YORK CITY INDUSTRIAL PARK
YORK, PA. 17404
PHONE 717 846 1900

IN 18.50

DATE	TIME
04/17/91	20:00

GROSS WEIGHT M	77800	LBS
TARE WEIGHT	45840	LBS
NET WEIGHT	31960	LBS
TRUCK ID #	540573	

TRW-05213

ER-WM-51 REV. 11/89

Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

AND CHEMOTHERAPEUTIC WASTE.

Form approved.
OMB No. 2050-0039
Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD 019294867
Manifest Document No.:
2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address:
TRW
195 Binney Street
Cambridge, MA 02142

4. Generator's Phone (617) 494-5500

A. State Manifest Document Number: PAC 3197364

B. State Gen. ID: 12 Rogers Street

5. Transporter 1 Company Name: Jeffrey Chemical Co., Inc.
6. US EPA ID Number: MAD080030356

C. State Trans. ID: PA- AA 0350

7. Transporter 2 Company Name:
8. US EPA ID Number:

D. Transporter's Phone ( )

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address:
Envirite Corporation
1600 Pennsylvania Ave.
York, PA 17404

10. US EPA ID Number: PAD010154045

F. Transporter's Phone (508) 657-7560

G. State Facility's ID

H. Facility's Phone (717 846-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAzardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	001	CM	0000	P	F006
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.			c.		
b.			d.		

K. Handling Codes for Wastes Listed Above

a. c.
b. d.

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE#_____

EMERGENCY RESPONSE GUIDEBOOK#31
YS#0573

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [signature] Signature: [signature] MONTH DAY YEAR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Chester Signature: James Chester MONTH DAY YEAR 04 17 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: MONTH DAY YEAR

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Signature: MONTH DAY YEAR

GENERATOR

TRANSPORTER

FACILITY

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-4343

PAC 3197364

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 8 - Generator: Retain This Copy

TRW-05214

0908-0431

LAND DISPOSAL NOTIFICATION/CERTIFICATION FORM

ENVIRITE CORPORATION

CUSTOMER INFORMATION:

Generator Name: TRW

Pickup Address: 12 Rogers Street Cambridge, MA 02142

Generator EPA ID #: MAD019294867 Manifest Document # per Item 1/Item A: PAC3197364 / _____

Envirite Waste Stream #'s: 11a. VS0573 11b. _____ 11c. _____ 11d. _____

MANIFEST ITEM NUMBER	DESCRIPTION OF WASTE*			TREATABILITY INFORMATION PER 40 CFR†				
	EPA WASTE CODE	SUBCATEGORY	TREATABILITY GROUP	268.41(a)	268.43(a)	268.42(a)(1) TABLE 1 & TABLE 2	NICKEL** ≥134 mg/l	THALLIUM** ≥130 mg/l
11a.	F006							

* *Subcategory references to "Acid," "Alkaline," "Reactive Cyanides," and "Reactive Sulfides" are understood to be respectively, Acid Subcategory—261.22(a)(1), Alkaline Subcategory—261.22(a)(1), Reactive Cyanides—261.23(a)(5), and Reactive Sulfides—261.23(a)(5). Waste analysis data, where available, accompanies this shipment.*

† *unless otherwise specified. Also, a "✓" or an "X" relates the CFR sections and paragraphs where the treatment standards appear. When required, the five-letter treatment code is specified.*

** *in liquid hazardous wastes including free liquids associated with any solid or sludge containing this metal (or element). See RCRA section 3004(d).*

≥ *denotes "greater than or equal to."*

SECTION 1: Restricted Wastes Requiring Treatment prior to Land Disposal

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated does not meet applicable treatment standards set forth in 40 CFR 268 Subpart D or exceeds the applicable prohibition levels set forth in 40 CFR 268.32 or RCRA section 3004(d); and 2) to apprise the facility of the CFR section(s) and paragraph(s) where the treatment standards appear and, where applicable, the prohibition levels set forth in 40 CFR 268.32 or RCRA section 3004(d).

Printed Name: Paul Enright Signature/Date: Paul Enright / 4/17/91

SECTION 2: Restricted Wastes from Generators That Can Be Land Disposed without Further Treatment

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated can be land disposed without further treatment; and 2) to certify that the waste meets the standards referenced above and does not exceed the applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Printed Name: _____ Signature/Date: _____ / _____

SECTION 3: Restricted Wastes from Treatment Facilities That Can Be Land Disposed without Further Treatment

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated can be land disposed without further treatment; and 2) to certify that the waste meets the standards referenced above and does not exceed the applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d).

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Printed Name: _____ Signature/Date: _____ / _____

REV.1-7/90

TRW-05215

0908-0432

SUMMARY OF TREATMENT STANDARDS FOR WASTES SENT TO ENVIRITE

DESCRIPTION OF WASTE			TREATABILITY INFORMATION PER 40 CFR			
				TREATMENT STANDARDS		
				CONCENTRATION BASED (mg/l)		SPECIFIED TECHNOLOGY 268.42(a)(1) TABLE 1 & TABLE 2
EPA WASTE CODE	SUBCATEGORY	TREATABILITY GROUP	REGULATED CONSTITUENT	268.41(a)(1)	268.43(a)(1)	
F006		Nonwastewaters	Cadmium	0.066	NA	
			Chromium (Total)	5.2	NA	
			Lead	0.51	NA	
			Nickel	0.32	NA	
			Silver	0.072	NA	
			Cyanides (Total)	NA	590	
			Cyanides (Amenable)	NA	30	
F007		Wastewaters	Cadmium	NA	1.6	
			Chromium (Total)	NA	0.32	
			Lead	NA	0.04	
			Nickel	NA	0.44	
			Silver	NA	NA	
			Cyanides (Total)	NA	1.9	
			Cyanides (Amenable)	NA	0.1	
F007		Nonwastewaters	Cadmium	0.066	NA	
			Chromium (Total)	5.2	NA	
			Lead	0.51	NA	
			Nickel	0.32	NA	
			Silver	0.072	NA	
			Cyanides (Total)	NA	590	
			Cyanides (Amenable)	NA	30	
F008		Wastewaters	Chromium (Total)	NA	0.32	
			Lead	NA	0.04	
			Nickel	NA	0.44	
			Cyanides (Total)	NA	1.9	
			Cyanides (Amenable)	NA	0.1	

TRW-05216

0908-0433

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51455
MAF 565412

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 60031
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number MA F 565412
B. State Gen. ID SAME
C. State Trans. ID MA923707
D. Transporter's Phone 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone 508 683-1002

5. Transporter 1 Company Name LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL	1	DM	86	P	MA99
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above					
a. RATINGHOLD/ATTENE, TOLU					
b.					

Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable [illegible] ment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I [illegible]
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 04 Day 25 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John C Gigliotti Jr
Signature: John C Gigliotti Jr
Date: Month 04 Day 25 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Julie Colglazier
Signature: Julie Colglazier
Date: Month 04 Day 26 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 565412 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05217

0908-0434

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51455
MAR 565412

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD[illegible] — Manifest Document No.: 00031
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
[illegible] BINNEY STREET
CAMBRIDGE MA [illegible]

4. Generator's Phone (617) [illegible]

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD[illegible]0444[illegible]

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
[illegible] CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD[illegible]0444[illegible]

A. State Manifest Document Number: MA F 565412
B. State Gen. ID: SAME
C. State Trans. ID: MA[illegible]
D. Transporter's Phone: 508-683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508-683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL	1	DM	86	P	MA99
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PAINT SOLID/XYLENE, TOLU OL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	04 25 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
John C Gigliotti JR	John C Gigliotti	04 25 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 565412 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05218

0908-0435

Generator Name/Location: TRW Fasteners Div Cambridge Mass

Sheet 1 of ___ Sheets

EPA ID Number: MAD019294867 Manifest Number: MAE565411

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A,B	1	MA01							
D	2	D002, D007		Acid (pH<2) Chromium	WW	268.43, Table (CW) 268.42, Table 2	DEACT		
E	1	MA99							
L	2	D002		Alkaline (pH>12.5)	NWW	268.42, Table 2	DEACT		

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.38
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0436

TRW-05219

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 07455

Generator Name/Location: TRW Fasteners Div Cambridge Mass

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B, D, E, L

Manifest Number: MAF565411

EPA Hazardous Waste Number(s): MA01, D002, D007, MA99

Waste Analysis Attached? YES ____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

See back

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 4-25-91

PRINT NAME: Bruce Ricketts TITLE:

TRW-05220

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51455
MAF 565411

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00031
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 565411
B. State Gen. ID: SAME
C. State Trans. ID: MA 972707
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE CHROMIC ACID SOLUTION CORROSIVE MATERIAL UN1755 (D002)(D007)	1	DF	55	G	D002D007
b. RQ WASTE CORROSIVE LIQUID,n.o.s. (ZINC PHOSPHATE,NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)	1	DM	612	P	D002
c. STATE REGULATED OIL WASTE	20	DF DM	1100	G	MA01
d. STATE REGULATED OIL WASTE	5	DM	1556	P	MA01

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. CHROMIC/WATER/SULFURIC
b. PHOSPHORIC ACID SLUDGE/ZN/IRON
c. MIXED OIL/WATER
d. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1 S 0
b. S 0 1 c. S 0

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I consider

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 10 Day 25 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John Giglietti Jr
Signature: John Giglietti
Date: Month 10 Day 25 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Julie Colglazier
Signature: Julie Colglazier
Date: Month 10 Day 25 Year 91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F565411 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05221

0908-0438

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51455
MAF 565411

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MA[illegible]
Manifest Document No.: 00031
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA [illegible]
4. Generator's Phone ([illegible]) [illegible]

A. State Manifest Document Number: MA F565411
B. State Gen. ID: NAME
C. State Trans. ID: MA 972707
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. Transporter 1 Company Name: GAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: GAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE CHROMIC ACID SOLUTION CORROSIVE MATERIAL UN1755 (D002)(D007)	1	CF	55	G	D002D007
b. RQ WASTE CORROSIVE LIQUID N.O.S. (ZINC PHOSPHATE,NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)	1	DM	[illegible]	P	D002
c. STATE REGULATED OIL WASTE	20	CF DM	400	G	MA01
d. STATE REGULATED OIL WASTE	5	DM	[illegible]	P	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. CHROMIUM/WATER/SULFURIC
b. PHOSPHORIC ACID SLUDGE/ZN/IRON
c. MIXED OIL/WATER
d. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT GAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	04 25 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
John Gizlatti, JR	John Gizlatti	04 25 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F565411 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05222

0908-0439

0908-0440

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294807 — Manifest Document No. L4503
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners
195 Binney Street Cambridge, MA 02142

4. Generator's Phone (617) 494-5808 — MAD981213903RE
5. Transporter 1 Company Name: Suffolk Services — 6. US EPA ID Number: [redacted]
7. Transporter 2 Company Name: SuFFolk Services — 8. US EPA ID Number: MAD 981213903
9. Designated Facility Name and Site Address: Laidlaw Environmental Services (TS),Inc, Route 11 Reidsville, NC 27320 — 10. US EPA ID Number: NCD000648451

A. State Manifest Document Number: MA F578487
B. State Gen. ID: SAME
C. State Trans. ID: 97219MA
D. Transporter's Phone: (508)458-2500
E. State Trans. ID: 32174 MA
F. Transporter's Phone: (508)458-2500
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 919 342 4021

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Material	1	CM	20	Y
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above (Include proper shipping name and hazard code.)
a. Fiberglass, grated flooring
PVC pipe,steel,debris
b. c. d.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Emergency Contact (617)494-5808 Sam Girgenti
TRANSFER T.O. # 42711
DISPOSAL T.O. # 42712
SWD# 11591

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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GENERATOR — Printed/Typed Name: NICHOLAS DANIEL — Signature: Nicholas Daniel — Date (Month Day Year): 6 5 91

17. Transporter 1 Acknowledgement of Receipt of Materials
TRANSPORTER — Printed/Typed Name: Richard Espinola — Signature: Richard Espinola — Date (Month Day Year): 6 5 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip Earl — Signature: Philip Earl — Date (Month Day Year): 10 16 1991

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Wendy H. White — Signature: Wendy H. White — Date (Month Day Year): 10 23 1991

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F578487 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05223

0908-0441

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MA0019294807 — Manifest Document No. L4503
2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Fasteners
195 Binney Street Cambridge, MA 02142

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: Suffolk Services
6. US EPA ID Number: MAD981213903RE
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Laidlaw Environmental Services (TS), Inc,
Route 11
Reidsville, NC 27320
10. US EPA ID Number: NC0000648451

A. State Manifest Document Number: MA F578487
B. State Gen. ID
C. State Trans. ID: SAME 97219 MA
D. Transporter's Phone ( ) (508)458-2500
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( ) 918 342-4021

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Non-Regulated Material					
b.	1	CM	20	Y	MA99 N/R
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Fiberglass, grated flooring
b. PVC pipe, steel, debris
c.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Emergency Contact (617)494-5808 Sam Girgenti
TRANSFER T.O. # 42711
DISPOSAL T.O. # 42712

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Printed/Typed Name: Nicholas [illegible] — Signature: [signature] — Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard Espinola — Signature: [signature] — Date: 05 3 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F578487 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

TRW-05224

COPY>8: GENERATOR RETAINS

0908-0442

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND CHEMOTHERAPEUTIC WASTE.

45 #0573

Form approved.
OMB No. 2050-0039
Expires 9-30-91

ER-WM-57 REV. 11/89

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD 0 1 9 2 9 4 8 6
Manifest Document No.: 100037

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address
TRW
195 Binney St.
Cambridge, MA 02142

4. Generator's Phone (617) 494-5500

A. State Manifest Document Number: PAC 3197390

B. State Gen. ID: 12 Rogers St. CAMBRIDGE, MA

5. Transporter 1 Company Name: Jeffrey Chemical Co., Inc.

6. US EPA ID Number: MAD 0 8 0 0 3 0 3 5 6

C. State Trans. ID: PA- AH 103501

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone: 508 657-7560

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address
Envirite Corp
1600 Pennsylvania Ave.
York, PA 17404

10. US EPA ID Number: PAD 0 1 0 1 5 4 0 4 5

F. Transporter's Phone: ( ) 508 657-7560

G. State Facility's ID:

H. Facility's Phone: ( ) 717 846-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ Hazardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	001	CH	30000	P	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Lab Pack / Physical State
a.
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. 502-D81
b. 721
c.
d.

15. Special Handling Instructions and Additional Information
24 Hour Emergency Telephone # (617) 494-5808 Emergency Response Guidebook # 31

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Paul Enright
Signature: Paul Enright
MONTH DAY YEAR: 05 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DONALD G. MOREIRA
Signature: Donald G. Moreira
MONTH DAY YEAR: 05 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
MONTH DAY YEAR:

19. Discrepancy Indication Space
31,560 # /Envirite Scale

TRW-05225

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Kehl Berry
Signature: Kehl Berry
MONTH DAY YEAR: 05 29 91

PAC 3197390

Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 5 - TSD Facility: Mail to Generator

0908-0443

Spill Center (800) 424-8802 and the PA DER (717) 787-4343

GENERATOR

TICKET 56

ENVIRITE CORP.
1600 PENNSYLVANIA AVE
YORK CITY INDUSTRIAL PARK
YORK, PA. 17404
PHONE 717 846 1900

DATE	TIME
05/30/91	18:55

GROSS WEIGHT M	78240	LBS
TARE WEIGHT	46680	LBS
NET WEIGHT	31560	LBS
TRUCK ID #	540573	

TRW-05226

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND CHEMOTHERAPEUTIC WASTE.

Form approved.
OMB No. 2050-0039
Expires 9-30-91

ER-WM-51 REV. 11/89

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-4343

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: M A D 0 1 9 2 9 4 8 6 7
Manifest Document No.: 00037

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address
TRW
195 Binney St.
Cambridge, MA 02142

4. Generator's Phone (617) 494-5500

A. State Manifest Document Number: PAC 3197390

B. State Gen. ID: 12 Rogers St. CAMBRIDGE, MA

5. Transporter 1 Company Name: Jeffrey Chemical Co., Inc.

6. US EPA ID Number: M A D 0 8 0 0 3 0 3 5 6

C. State Trans. ID: PA- A H 10350

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone: 508 657-7560

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address
Envirite Corp
1600 Pennsylvania Ave.
York, PA 17404

10. US EPA ID Number: P A D 0 1 0 1 5 4 0 4 5

F. Transporter's Phone: ( ) ~~508 657-7560~~

G. State Facility's ID:

H. Facility's Phone: ( ) 717 846-1900

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid N.O.S. (F006) ORM-E NA9189 F006	001	CM	300	P	F006
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.			c.		
b.			d.		

K. Handling Codes for Wastes Listed Above

a. c.
b. d.

15. Special Handling Instructions and Additional Information
24 Hour Emergency Telephone # (717) 717-[illegible] Emergency Response Guidebook # 31

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] Signature: [illegible] MONTH 05 DAY [illegible] YEAR [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DONALD G. MOREIRA Signature: [illegible] MONTH 05 DAY 29 YEAR 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: MONTH DAY YEAR

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: MONTH DAY YEAR

GENERATOR / TRANSPORTER / FACILITY

PAC 3197390

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

0908-0445

TRW-05227

Copy 8 - Generator: Retain This Copy

LAND DISPOSAL NOTIFICATION/CERTIFICATION FORM

ENVIRITE CORPORATION

CUSTOMER INFORMATION:

Generator Name: TRW

Pickup Address: 12 Rogers Street Cambridge, MA 02142

Generator EPA ID #: MAD019294867 Manifest Document # per Item 1/Item A: _____ / PAC3197390

Envirite Waste Stream #'s: 11a. YS#0573 11b. _____ 11c. _____ 11d. _____

MANIFEST ITEM NUMBER	DESCRIPTION OF WASTE*			TREATABILITY INFORMATION PER 40 CFR†				
	EPA WASTE CODE	SUBCATEGORY	TREATABILITY GROUP	268.41(a)	268.43(a)	268.42(a)(1) TABLE 1 & TABLE 2	NICKEL** ≥134 mg/l	THALLIUM** ≥130 mg/l
11a.	F006							

* *Subcategory references to "Acid," "Alkaline," "Reactive Cyanides," and "Reactive Sulfides" are understood to be respectively Acid Subcategory—261.22(a)(1), Alkaline Subcategory—261.22(a)(1), Reactive Cyanides—261.23(a)(5), and Reactive Sulfides—261.23(a)(5). Waste analysis data, where available, accompanies this shipment.*

† *unless otherwise specified. Also, a "✓" or an "X" relates the CFR sections and caragraphs where the treatment standards appear. When required, the five-letter treatment code is specified.*

** *in liquid hazardous wastes including free liquids associated with any solid or sludge containing this metal (or element). See RCRA section 3004(d).*

≥ *denotes "greater than or equal to."*

SECTION 1: Restricted Wastes Requiring Treatment prior to Land Disposal

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated does not meet applicable treatment standards set forth in 40 CFR 268 Subcart D or exceeds the applicable prohibition levels set forth in 40 CFR 268.32 or RCRA section 3004(d); and 2) to apprise the facility of the CFR section(s) and paragraph(s) where the treatment standards appear and, where applicable, the prohibition levels set forth in 40 CFR 268.32 or RCRA section 3004(d).

Printed Name: Paul Enright Signature/Date: Paul Enright / 5/29/91

SECTION 2: Restricted Wastes from Generators That Can Be Land Disposed without Further Treatment

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated can be land disposed without further treatment; and 2) to certify that the waste meets the standards referenced above and does not exceed the applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subcart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Printed Name: _____ Signature/Date: _____ / _____

SECTION 3: Restricted Wastes from Treatment Facilities That Can Be Land Disposed without Further Treatment

The purpose of this section is twofold: 1) to notify the receiving facility specified on the referenced manifest that the waste indicated can be land disposed without further treatment; and 2) to certify that the waste meets the standards referenced above and does not exceed the applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d).

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, subcart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Printed Name: _____ Signature/Date: _____ / _____

REV.1-7/90

TRW-05228

0908-0446

SUMMARY OF TREATMENT STANDARDS FOR WASTES SENT TO ENVIRITE

DESCRIPTION OF WASTE			TREATABILITY INFORMATION PER 40 CFR			
				TREATMENT STANDARDS		
				CONCENTRATION BASED (mg/l)		SPECIFIED TECHNOLOGY 268.42(a)(1) TABLE 1 & TABLE 2
EPA WASTE CODE	SUBCATEGORY	TREATABILITY GROUP	REGULATED CONSTITUENT	268.41(a)(1)	268.43(a)(1)	
F006		Nonwastewaters	Cadmium	0.066	NA	
			Chromium (Total)	5.2	NA	
			Lead	0.51	NA	
			Nickel	0.32	NA	
			Silver	0.072	NA	
			Cyanides (Total)	NA	590	
			Cyanides (Amenable)	NA	30	
F007		Wastewaters	Cadmium	NA	1.6	
			Chromium (Total)	NA	0.32	
			Lead	NA	0.04	
			Nickel	NA	0.44	
			Silver	NA	NA	
			Cyanides (Total)	NA	1.9	
			Cyanides (Amenable)	NA	0.1	
F007		Nonwastewaters	Cadmium	0.066	NA	
			Chromium (Total)	5.2	NA	
			Lead	0.51	NA	
			Nickel	0.32	NA	
			Silver	0.072	NA	
			Cyanides (Total)	NA	590	
			Cyanides (Amenable)	NA	30	
F008		Wastewaters	Chromium (Total)	NA	0.32	
			Lead	NA	0.04	
			Nickel	NA	0.44	
			Cyanides (Total)	NA	1.9	
			Cyanides (Amenable)	NA	0.1	

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

52524
MAF 577618

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00037
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 577618
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total	14. Unit	15. Waste No.
a. RQ WASTE PAINT FLAMMABLE LIQUID UN1993 (D001)	02	DM	110	G	D001
b. STATE REGULATED OIL WASTE	26	DM	1430	G	MA01
c. STATE REGULATED OIL WASTE	02	DM	784	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code)
PAINT LIQUID/X LENE/TOL UENE — MIXED OILY DEBRIS
MIXED OIL/WATER

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Line Item B 18 of - 8-DM — Cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 05 Day 30 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald W Bozeman — Signature: Donald Bozeman — Date: Month 05 Day 30 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 05 Day 30 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05230

0908-0448

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00037
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756
5. Transporter 1 Company Name: LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC. 700 CANAL STREET LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 577618
B. State Gen. ID: SAME
C. State Trans. ID: MA 772708
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NO WASTE PAINT FLAMMABLE LIQUID UN1993 (D001)	02	DM	110	G	D001
b. STATE REGULATED OIL WASTE	26	DM	1430	G	MA01
c. STATE REGULATED OIL WASTE	02	DM	784	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PAINT LIQUID/XYLENE/TOLUENE
b. MIXED OIL/WATER
c. MIXED OILY DEBRIS
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
(a) (cont.) (b) (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	05 30 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Donald Bowman	Donald Bowman	05 30 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F577618 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05231

0908-0449

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MA01							
F	2	D001		Ignitable Liq. High TOC	NWW	268.42, Table 2	FSUBS, RORGS, INCIN		

TRW-05232

0908-0450

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 52524

Generator Name/Location: TRW Fasteners Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: A, B, F

Manifest Number: MAF577618

EPA Hazardous Waste Number(s): D001, MAD1

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

see back

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

_____

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 9-30-91

PRINT NAME: Bruce Ricketts TITLE: _____

0908-0451

TRW-05233

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52284
MAF 580412

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 00056
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number MA F580412
B. State Gen. ID SAME
C. State Trans. ID MA922-209
D. Transporter's Phone 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone 508 683-1002

5. Transporter 1 Company Name LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ WASTE PAINT, FLAMMABLE LIQUID UN1993 (D001)	1	DM	55	G	D001
b. STATE REGULATED OIL WASTE	1 / 20	DM / DF	1155	G	MA01
c. STATE REGULATED OIL WASTE	2	DM	232	P	MA01
d. NON-REGULATED MATERIAL	1	DM	436	P	MA98

J. Additional Descriptions for Materials Listed Above
a. PAINT/LIQUID/XYLENE/ACETONE/ETHYLBENZENE
b. MIXED OIL/WATER
K. Handling Codes for Wastes Listed Above
a. [illegible] b. [illegible]

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont. driver: R. [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected [illegible] which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and [illegible] can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	05 12 21 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Robert Pelley	Robert Pelley	05 12 21 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	05 22 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

COPY>3: FACILITY MAILS TO GENERATOR

MA F580412

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05234

0908-0452

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52284
MAF 580412

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD[illegible]
Manifest Document No. 00036
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TEM FASTENERS DIV.
[illegible] STREET
CAMBRIDGE MA 02142
4. Generator's Phone ( ) [illegible]

A. State Manifest Document Number MA F 580412
B. State Gen. ID SAME
C. State Trans. ID MA92-209

5. Transporter 1 Company Name LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number MAD000600444
D. Transporter's Phone (508)683-1002
E. State Trans. ID

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
[illegible] CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000600444
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508)683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. PO WASTE PAINT, FLAMMABLE LIQUID UN1993 (D001)	1	DM	55	G	D001
b. STATE REGULATED OIL WASTE	1	DM	1155	G	MA01
c. STATE REGULATED OIL WASTE	2	DM	232	P	MA01
d. NON-REGULATED MATERIAL	1	DM	736	P	MA99

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. PAINT LIQUID/XYLENE/TOLUENE
b. MIXED OILY DEBRIS
c. MIXED OIL/WATER
d. PAINT SOLID/XYLENE,TOLUENE

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Richetto
Signature: [signature]
Date: Month 05 Day 22 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Kelley
Signature: [signature]
Date: Month 05 Day 22 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 580412 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05235

0908-0453

Generator Name/Location: UICON

EPA ID Number: FROW2 Manifest Number: MAF 580912

Sheet 1 of ____ Sheets

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	* 40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A,B	1	MA01							
E	1	MA99							
F	2	D001		Ignitable & High TOC	NWW	268.42 Table 2	FSUBS, RORGS, INCIN		

TRW-05236

0908-0454

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

Legend #	Constituent Name	F001-F005 spent solvent Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,2,2-richloro-1,2,2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

Legend #	Constituent Name	Concentration
27	HxCDD All Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF All Hexachlorodibenzofurans	1 ppb
29	PeCdd All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF All Pentachlorodibenzofurans	1 ppb
31	TCDD All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF All Tetrachlorodibenzofurans	1 ppb
33	2,4,5-Trichlorophenol	0.05 ppm
34	2,4,6-Trichlorophenol	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

Legend #	Constituent Name	Concentration
37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Total)	1000 mg/l

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 52284

Generator Name/Location: TRW - Cambridge Mass

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B, E, F

Manifest Number: MAF580412

EPA Hazardous Waste Number(s): MA01, MA99, D001

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)
See back

Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 5-22-91

PRINT NAME: Bruce Ricketts TITLE:

0908-0455

TRW-05237

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52060
MAF 136281

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00035
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F136281
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE [illegible] ORM-A UN2811	01	DM	55	G	[illegible]
b. STATE REGULATED OIL WASTE	40	DF	2200	G	MA01
c. STATE REGULATED OIL WASTE	03	DM	1256	P	MA01
d.					

J. Additional Description [illegible] (Include physical state and hazard code)
a. OIL/1-1 [illegible] MIXED OILY DEBRIS
b. MIXED OIL [illegible]

K. Handling Codes for Wastes Listed Above: [illegible]

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Line Item B 1-DM — Cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: x Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 05 Day 15 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman — Signature: Donald Bozeman — Date: Month 05 Day 15 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 05 Day 15 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05238 Bf

MA F136281 COPY>3

0908-0456

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52060
MAF 136281

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 00035
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number MA F136281
B. State Gen. ID SAME
C. State Trans. ID MA 973708
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
6. US EPA ID Number MAD000600447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000600447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 1-1-1 TRICHLOROETHANE OEM-A UN2831	01	DM	55	G	F001
b. STATE REGULATED OIL WASTE	40	DF	2200	G	MA01
c. STATE REGULATED OIL WASTE	03	DM	1256	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. OIL/1-1-1
c. MIXED OILY DEBRIS
b. MIXED OIL/WATER
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
c. S 0 1
b. S 0 1
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
Line Item 1-DM

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	10 5 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald Bozemian	[illegible]	10 15 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136281 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05239

0908-0457

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ **Manifest Number:** _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	111A01							
H	2	F001			nww	See Below		22	

TRW-05240

0908-0458

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010 F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 52060

Generator Name/Location: TRW Fasteners Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: See Back

Manifest Number: MAF 136281

EPA Hazardous Waste Number(s): See Back

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

___ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

See Back

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 5-15-91

PRINT NAME: Bruce Ricketts TITLE: _____

0908-0459

TRW-05241

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52063
MAF 136285

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00034
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F136285
B. State Gen. ID: SAME
C. State Trans. ID: MA972 209
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR STATE [illegible] WASTE	22	DF	1375	G	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical [illegible])
A MIXED [illegible]
b. c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

CONT. DRIVER R. ARSENAULT

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected [illegible] ment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I [illegible]

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	05 15 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Pelley	Robert Pelley	05 15 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
DAVE GUILFOYLE	Dave Guilfoyle	05 15 91

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05242

0908-0460

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136285 COPY>3: FACILITY MAILS TO GENERATOR

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52063
MAF 136285

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00034
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F136285
B. State Gen. ID: SAME
C. State Trans. ID: MA72-209
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	3 22	3M OF	1375	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	05 15 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Kelley	Robert Kelley	05 15 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F136285 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05243

0908-0461

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # [illegible]

Generator Name/Location: TRW - Cambridge Mass

EPA I.D. Number: MAD001909486

Waste Profile or ARF Designation: a

Manifest Number: MAF136285

EPA Hazardous Waste Number(s): [illegible]

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 5-15-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05244

0908-0462

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Truck# 420
Job# B-1677

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. F7501
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW 265 Third St.
4. Generator's Phone (617) 494-5745 Cambridge MA.
5. Transporter 1 Company Name: Clean Harbors of Kingston Inc. — US EPA ID Number: MAD039322250
7. Transporter 2 Company Name — 8. US EPA ID Number
9. Designated Facility Name and Site Address: Stablex (R.I.) Inc. 275 Allens Ave. Providence R.I. — 10. US EPA ID Number: RID040098352

A. State Manifest Document Number: MA F297501
B. State Gen. ID: 195 Binney St Cambridge MA.
C. State Trans. ID: MA727798
D. Transporter's Phone: 617 585-5711
E. State Trans. ID
F. Transporter's Phone
G. State Facility's ID: Not Required
H. Facility's Phone: 401 781-9716

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non Hazardous Non DOT Regulated Material (MA99)	001	TT	01461	G	MA99
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Pumice Sludge + Water
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T 01
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Call 1-800-645-8265 30" Product on Truck

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S. Girgenti — Date: Month Day Year: 05 13 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Paul J. Harrison — Signature: Paul J. Harrison — Date: Month Day Year: 05 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Richard J. Belmont — Signature: [signature] — Date: Month Day Year: 05 13 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297501 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0463

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05245

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Truck# 420
Job# B-1677

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. FF7501
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW 265 Third St. Cambridge MA.
4. Generator's Phone (617 494-5745
5. Transporter 1 Company Name: Clean Harbors of Kingston Inc. US EPA ID Number: MAD039300250
6. Transporter 2 Company Name: US EPA ID Number:
7. Transporter's Phone (617 585-5711
8. Transporter's Phone ( )
9. Designated Facility Name and Site Address: Stablex (R.I.) Inc. 275 Allens Ave Providence R.I.
10. US EPA ID Number: RID040098352
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

A. State Manifest Document Number: MA F297501
B. State Gen. ID: 195 Binney St Cambridge MA.
C. State Trans. ID:
D. Transporter's Phone (617 585-5711
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (401 781-9710

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non Hazardous Non DOT Regulated Material (MA99)	001	TT	01461	G	MA99
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. NMLRTRWCO2 Pumice Sludge+Water
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Call 1-800-645-8265 30" Product on Truck

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel S Gingenti — Signature: Samuel S Gingenti — Date: Month 05 Day 13 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Paul J. Harrison — Signature: Paul J. Harrison — Date: Month 05 Day 13 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F297501 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05246

0908-0464

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51840
MAF 578240

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00033
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000804447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 578240
B. State Gen. ID: SAME
C. State Trans. ID: MA972707
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	34	DF DM	1870	G	MA01
b. STATE REGULATED OIL WASTE	2	DM	609	P	MA01
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (Include physical state and [illegible])
a. MIXED [illegible]
b. MIXED [illegible]
c.
d.

K. Handling Codes for Wastes Listed Above
a. [illegible]
b.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

Cont. driver R. Aisenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 05 Day 08 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John C Gigliotti Jr
Signature: John Gigliotti
Date: Month 05 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 05 Day 08 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F578240 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05247

0908-0465

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00033
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible]
[illegible]

4. Generator's Phone ([illegible]) [illegible]

5. Transporter 1 Company Name [illegible] NORTH EAST [illegible] INC. 6. US EPA ID Number [illegible]

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address
[illegible] ENVIRONMENTAL SERVICES (NORTH EAST), INC.
[illegible] CANAL STREET
LAWRENCE MA
10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F 578240
B. State Gen. ID [illegible]
C. State Trans. ID MA 972707
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ([illegible])

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	34	DF DM	1770	G	MA01
b. [illegible]	2	DM	609	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER c.
b. MIXED OILY DEBRIS d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 c.
b. S 0 1 d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) [illegible]

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	05 08 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
John [illegible]	[illegible]	05 08 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 578240 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05248

0908-0466

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 51840

Generator Name/Location: TRW Fasteners Inc Cambridge MSS

EPA I.D. Number: MAD019294587

Waste Profile or ARF Designation: A, B

Manifest Number: MAF578340

EPA Hazardous Waste Number(s): MAC1

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: May 8, 1991

PRINT NAME: Bruce Ricketts TITLE:

TRW-05249

0908-0467

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ **Manifest Number:** _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MAC1							

TRW-05250

0908-0468

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010 F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51699
MAF 137456

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 00039
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. LAIDLAW ENV. SVCS. (NORTH EAST), INC. — US MAD000604447

6. Transporter 1 Company Name

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MAF 137456
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

		No.	Type	13. Total Quantity	14. Unit Wt/Vol	
a.	STATE REGULATED OIL WASTE	35	DF	1525	G	NA01
b.	STATE REGULATED OIL WASTE	03	DM	898	P	NA01
c.						
d.						

J. Additional Descriptions for Materials Listed Above (Include physical state, packing group, and hazardous substance)
a. MIXED OIL WASTE — c.
b. MIXED OIL WASTE — d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
29-DF
Line Item A 6 DM — cont driver R. Arsenault

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
x Bruce Ricketts	x Bruce Ricketts	05 10 31 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald Bozeman	Donald Bozeman	05 10 31 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	05 03 31 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F137456 COPY 3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05251

0908-0469

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

51699
MAF 137456

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 00032
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number MA F137456
B. State Gen. ID SAME
C. State Trans. ID MA 972708
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

5. Transporter 1 Company Name LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
6. US EPA ID Number MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	35	DF	1925	G	MA01
b. STATE REGULATED OIL WASTE	03	DM	898	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
57 - DF
Line Item A 6 DM

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	05 03 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Donald Bagman	Donald Bagman	05 03 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F137456 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05252

0908-0470

617 941 6031

copy

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 51699

Generator Name/Location: TRW FASTENERS DIV Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: A B

Manifest Number: MAF 137456

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO _____ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 5-3-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05253

0908-0471

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

53416
MAF 576113

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00042
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 576113
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (STODDARD SOLVENT, MINERAL SPIRITS) (ORM-E)	[illegible]	[illegible]	[illegible]	[illegible]	
b. STATE REGULATED OIL WASTE	44	DF	2420	G	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above
a. [illegible]
b. MIXED OIL/WATER
d.

Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

15. Special Handling Instructions and Additional Information
LINE ITEM B 39-DF 5-DM Cont-Driver R-12/1/91

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Month	Day	Year
Bruce Ricketts	Bruce Ricketts	10	2	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Donald Bozeman	Donald Bozeman	10	2	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVE GUILFOYLE	Dave Guilfoyle	10	2	91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F576113 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05254

0908-0473

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 576113

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00042
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible] BINNEY STREET
CAMBRIDGE MA [illegible]

4. Generator's Phone ([illegible]) [illegible]

5. Transporter 1 Company Name [illegible] (NORTH EAST) INC. 6. US EPA ID Number [illegible]

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD000604147

A. State Manifest Document Number MA F 576113
B. State Gen. ID [illegible]
C. State Trans. ID MA 772708
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	44	DF	[illegible]	[illegible]	[illegible]
b. STATE REGULATED OIL WASTE	44	DF	2420 [illegible]	G	MA01
c. [illegible]	[illegible]	[illegible]	[illegible]		[illegible]
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. [illegible] c. [illegible]
b. MIXED OIL/WATER d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 c. S 0 1
b. S 0 1 d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
Line Item B 39-DF 5-Dm

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Rickett	Bruce Rickett	[illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	06 28 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F576113 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0474

COPY>8: GENERATOR RETAINS

TRW-05255

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 53416

Generator Name/Location: TRW FASTENERS DIV Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: A, B, G

Manifest Number: MAF 576113

EPA Hazardous Waste Number(s): MA01, MA99

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 6-28-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05256

0908-0475

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

53136
MAF 580005

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 100041
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 580005
B. State Gen. ID: SAME
C. State Trans. ID: MA 721804
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE CHROMIC ACID SOLUTION CORROSIVE MATERIAL UN1755 (D002)(D007)	04	DF	220	G	D002D007
b. RQ WASTE CORROSIVE LIQUID,n.o.s. (ZINC PHOSPHATE,NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)	01	DM	644	P	D002
c. STATE REGULATED OIL WASTE	16	DM DF	880	G	MA01
d. STATE REGULATED OIL WASTE	01	DM	354	P	MA01

GENERATOR

J. Additional Descriptions for Materials Listed Above
a. CHROMIUM/WATER/SULFUR[illegible] WATER
PHOSPHORIC ACID SLUDGE [illegible] DEBRIS
b. ZN/IRON

K. Handling Codes for Wastes Listed Above
a. [illegible]
b. [illegible]

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
[illegible] and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I [illegible]

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 06 Day 19 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow — Signature: [illegible] — Date: Month 06 Day 19 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 06 Day 19 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F580005 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05257

0908-0476

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF [illegible]

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019[illegible] — Manifest Document No.: 00041
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: [illegible] (NORTH EAST) INC.
6. US EPA ID Number: [illegible]

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
100 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 580005
B. State Gen. ID: SAME
C. State Trans. ID: MA 731804
D. Transporter's Phone ( ) 508-683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone ( ) 508-683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NO WASTE CHROMIC ACID SOLUTION CORROSIVE MATERIAL UN1755 (D002)(D007)	04	DF	220	G	D002D007
b. NO WASTE CORROSIVE LIQUID, N.O.S. (ZINC PHOSPHATE, NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)	01	DM	644	P	D002
c. STATE REGULATED OIL WASTE	16	DM DF	880	G	MA01
d. STATE REGULATED OIL WASTE	01	DM	354	P	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. CHROMIUM/WATER/SULFURIC
b. PHOSPHORIC ACID SLUDGE/ZN/IRON
c. MIXED OIL/WATER
d. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information: 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	06 19 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Philip W. Thurlow	[illegible]	06 19 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F580005 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05258

0908-0477

Generator Name/Location: TRW Fasteners Div., 195 Binney St., Cambridge, Ma.

Sheet 1 of ___ Sheets

EPA ID Number: MAD019294867 Manifest Number: MAF 580005

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A	1	MA01							
B	1	MA01							
D	2	D002 D007		Acids pH<2 Chromium	WW	268.43, Table CCW 268.42, Table 2	DEACT		
L	2	D002		Acids pH<2	NWW	268.42, Table 2	DEACT		

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1600 mg/l

0908-0478

TRW-05259

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 53136

Generator Name/Location: TRW Fasteners Div., 195 Binney St., Cambridge, Ma.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: SEE BACK

Manifest Number: MAF 580005 1.

EPA Hazardous Waste Number(s): SEE BACK

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

_____

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

_____

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Pickett DATE: 6-19-91

PRINT NAME: Bruce Pickett TITLE: _____

0908-0479

TRW-05260

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52931
MAF 579667

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00040
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F579667
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
a. STATE REGULATED OIL WASTE	33	DF			MA01
	9	DM	2310	G	
STATE REGULATED OIL WASTE					MA01
	2	DM	680	P	
c.					
d.					

13. Additional Descriptions for Materials Listed Above
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
CONT. DRIVER D. SHEEHAN

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	06 12 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Pelley	Robert Pelley	06 12 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
DAVE GUILFOYLE	Dave Guilfoyle	06 12 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05261

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F579667 COPY>3: FACILITY MAILS TO GENERATOR

0908-0480

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00040
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible]
10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F 579667
B. State Gen. ID [illegible]
C. State Trans. ID MA912-209
D. Transporter's Phone ( ) [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( ) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	33	DF			MA01
	9	DM	2310	G	
b. [illegible]					MA01
	2	DM	680	P	
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

[illegible]

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	06 12 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Pelley	[illegible]	06 12 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F579667 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05262

0908-0481

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 52931

Generator Name/Location: TRW - Cambridge Mass

EPA I.D. Number: MAD 092 948 67

Waste Profile or ARF Designation: A, B

Manifest Number: MAF579667

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 6-12-91

PRINT NAME: Bruce Ricketts TITLE: _____

0908-0482

TRW-05263

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 577872 52691

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00038
2. Page 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone 617 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 577872
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR N STATE REGULATED OIL WASTE	41	DF	2255	G	MA01
N STATE REGULATED OIL WASTE	03	DM	1086	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include [illegible] hazard code)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS

K. Handling Codes for Wastes Listed Above
a. S
b. S 0
c. d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
LINE ITEM 33-DF 8-DM CONT DRIVER D. SHEEHAN

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 06 Day 05 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman — Signature: Donald Bozeman — Date: Month 06 Day 05 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space
TRW-05264

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 06 Day 05 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0483

COPY>3: FACILITY MAILS TO GENERATOR

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 577872 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00038
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible] MA [illegible]
4. Generator's Phone ([illegible]
5. Transporter 1 Company Name [illegible] (NORTH EAST) [illegible] US EPA ID Number [illegible]
6. [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
[illegible] ENVIRONMENTAL SERVICES (NORTH EAST) INC.
[illegible] CANAL STREET
[illegible] MA [illegible]
10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F 577872
B. State Gen. ID
C. State Trans. ID MA 273708
D. Transporter's Phone (508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible] REGULATED OIL WASTE	41	DF	2255	G	MA01
b. [illegible] REGULATED OIL WASTE	93	BM	1886	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
[illegible] 32-DF [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

[illegible] EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 06 Day 03 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
Date: Month 06 Day 03 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

0908-0484

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 577872 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

TRW-05265

COPY>8: GENERATOR RETAINS

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A	1	MA01							
B	1	MA01							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (In mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,2,2-richloro-1,2,2 trifluoethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo p dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo p dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2-4,5-Trichlorophenol	0.05 ppm
34	2-4,6-Trichlorophenol	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0485

TRW-05266

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 52691

Generator Name/Location: TRW Fasteners Cambridge MA

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: SEE BACK

Manifest Number: MAF 577872

EPA Hazardous Waste Number(s): SEE BACK

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 6-5-91

PRINT NAME: Bruce Ricketts TITLE:

TRW-05267

0908-0486

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

52692
MAF 577873

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 100039
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone 617 494-5758

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — US EPA ID Number: MAD000604447

6. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 577873
B. State Gen. ID: SAME
C. State Trans. ID: MA 721804
D. Transporter's Phone: 508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
~~RQ WASTE CORROSIVE LIQUID, n.o.s. (ZINC PHOSPHATE, NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)~~ XBR					~~D002~~ XBR
RQ HAZARDOUS SUBSTANCE SOLID, n.o.s. (NICKEL SULFATE, NICKEL CHLORIDE) NORM-E NA9188 (MA99)	02	DM	1,153	P	MA99
c. State Regulated Oil WASTE	05	DM DF	275	G	MA0
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and [illegible])
~~PHOSPHORIC [illegible] SLUDGE~~
~~IN/IRON~~
NICKEL BALTS AND ANODE BAGS

K. Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

Cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Rickett — Signature: Bruce Rickett — Date: Month 06 Day 05 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip N. Thurlow — Signature: [signature] — Date: Month 06 Day 05 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

TRW-05268

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 06 Day 05 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F577873 COPY>3 FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

0908-0487

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00039
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible]
[illegible]

4. Generator's Phone ([illegible]

5. Transporter 1 Company Name [illegible] NORTH EAST [illegible] US EPA ID Number [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
[illegible] CANAL STREET
LAWRENCE MA
10. US EPA ID Number
MAD[illegible]

A. State Manifest Document Number MA F 577873
B. State Gen. ID [illegible]
C. State Trans. ID MA 721804
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( ) 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~WASTE CORROSIVE LIQUID, n.o.s. (ZINC PHOSPHATE, NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)~~ x BR					D002 x BR
b. ~~HAZARDOUS SUBSTANCE SOLID, n.o.s. NICKEL SULFATE, NICKEL CHLORIDE~~ [illegible] NA9188 (MA99)	02	DM	1,153	P	MA99
c. State Regulated OIL WASTE	05	DM DF	275	G	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
PHOSPHORIC ACID SLUDGE/ ANZIRON x BR
NICKEL SALTS AND ANODE BAGS
c. Mixed oil/WATER
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 x
b. S 0 1 x BR
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
(a) [illegible] (b) (cont.) (c) (cont.) (d) (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	06 05 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Philip W. Thurlow	[illegible]	06 05 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F577873 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0488

COPY>8: GENERATOR RETAINS

TRW-05269

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
~~L~~	~~2~~	~~D002~~		~~Acids pH<2~~	~~NWW~~	~~268.42, Table 2~~	~~DEACT~~		
R	1	MA99							
A	1	MA01							

TRW-05270

0908-0489

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 52692

Generator Name/Location: TRW Fasteners Div., 195 Binney St, Cambridge, Ma.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: SEE BACK

Manifest Number: MAF 577873

EPA Hazardous Waste Number(s): SEE BACK

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

— Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

_____

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

_____

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Rickets DATE: 6-5-91

PRINT NAME: Bruce Rickets TITLE: _____

TRW-05271

0908-0490

0908-0491

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

54191
MAF 580890

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 100046
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 580890
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE [illegible] TRICHLOROETHANE ORM-A UN2831	2	DM	110	G	
b. RQ WASTE CORROSIVE LIQUID, n.o.s. (ZINC PHOSPHATE, NITRIC ACID) CORROSIVE MATERIAL UN1760 (D002)	1	DM	828	P	D002
c. STATE REGULATED OIL WASTE	24	DF			MA01
	11	DM	1925	G	
d. STATE REGULATED OIL WASTE	6	DM	2327	P	MA01

J. Additional Descriptions [illegible]
a. PH[illegible] SLUDGE [illegible]
b. ZN/IRON [illegible]

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable [illegible] ment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month Day Year 07 24 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley
Signature: Robert Pelley
Date: Month Day Year 07 24 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month Day Year 07 24 91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F580890 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05272

0908-0492

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00046
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible] BINNEY STREET
[illegible] MA [illegible]

4. Generator's Phone ( ) [illegible]

5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
[illegible] ENVIRONMENTAL [illegible] NORTH EAST [illegible] INC.
[illegible] CANAL STREET
LAWRENCE MA
10. US EPA ID Number [illegible]

A. State Manifest Document Number: MA F 580890
B. State Gen. ID: SAME
C. State Trans. ID: MD972-709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE 1-1-1 TRICHLOROETHANE ORM-A [illegible]	2	DM	110	G	F001
b. NO WASTE CORROSIVE LIQUID [illegible] (ZINC PHOSPHATE NITRIC ACID) CORROSIVE MATERIAL [illegible]	1	DM	828	P	D002
c. STATE REGULATED OIL WASTE	24	DF			MA01
	11	DM	1925	G	
d. STATE REGULATED OIL WASTE	6	DM	2327	P	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
a. PHOSPHORIC ACID SLUDGE/ ZN/IRON
b.
c. MIXED OILY DEBRIS
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT [illegible] NORTH EAST 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	07 24 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Pelley	Robert Pelley	07 24 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 580890 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05273

0908-0493

Generator Name/Location: Frost Plant

EPA ID Number: Frost Manifest Number: MAF580890

Sheet 1 of ___ Sheets

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	MA01				N/A			
H	2	F001			NWW	See Legend		22	
L	2	D002		Acid	NWW	268.42;7b2	DEACT		

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0494

TRW-05274

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 5491

Generator Name/Location: TRW Fasteners, Div., 195 Binney St., Cambridge, MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: See Back

Manifest Number: MAF580890

EPA Hazardous Waste Number(s): See Back

Waste Analysis Attached? YES _____ NO _____ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

✓ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)
See Back

— Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

_____

— Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Rickells DATE: 7-24-91

PRINT NAME: Bruce Rickells TITLE: _____

TRW-05275

0908-0495

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

54006
MAF 574236

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 100045
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 574236
B. State Gen. ID: SAME
C. State Trans. ID: MA 021804
D. Transporter Phone: (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	
a. STATE REGULATED OIL WASTE	35	DM DF	1,925	G	
b.					
c.					
d.					

GENERATOR

TRANSPORTER

Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Continue Denis Patrick DiMercurio 7-18-91

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	07/18/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Philip Thurlow	[illegible]	07/18/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	07/18/91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 574236 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05276

0908-0496

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00045
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: [illegible]
4. Generator's Phone ([illegible])
5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: [illegible] 100 CANAL STREET LAWRENCE MA
10. US EPA ID Number: [illegible]

A. State Manifest Document Number: MA F 574236
B. State Gen. ID: [illegible]
C. State Trans. ID: MA 221804
D. Transporter's Phone ([illegible])
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone ([illegible])

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	35	DM DF	1,925	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. [illegible] c.
b. d.

K. Handling Codes for Wastes Listed Above
a. [illegible] c.
b. d.

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) [illegible]

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	07 18 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	07 18 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 574236 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAIN 0908-0497 TRW-05277

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 54006

Generator Name/Location: TRW Fasteners Div, 195 Binney St, Cambridge, Ma.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A

Manifest Number: MAF574336

EPA Hazardous Waste Number(s): MAD1

Waste Analysis Attached? YES ____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 7-18-91

PRINT NAME: Bruce Ricketts TITLE:

0908-0498

TRW-05278

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

B2123 #416

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: F7490
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW, 195 Binney St, Cambridge MA
4. Generator's Phone: 617 494 5745
5. Transporter 1 Company Name: Clean Harbors of Kingston Inc
6. US EPA ID Number: MAD039722250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Stablex, 275 Allen Ave, Providence RI 02905
10. US EPA ID Number: RID040098352

A. State Manifest Document Number: MA F337490
B. State Gen. ID: Same
C. State Trans. ID: MA 560928
D. Transporter's Phone ( )
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 401 781 5710

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non Hazardous (MA99) Non DOT Regulated Material	001	TT	02124	G	MA99
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. Pumice Sludge water
b.

K. Handling Codes for Wastes Listed Above
a. T01

15. Special Handling Instructions and Additional Information
30" Emergency call 1800 oil Tank

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 07 Day 17 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Cadigan — Signature: Michael Cadigan — Date: Month 07 Day 17 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Richard J. Belmont — Signature: [signature] — Date: Month 07 Day 17 Year 91

GENERATOR / TRANSPORTER / FACILITY

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

MA F337490 COPY>3: FACILITY MAILS TO GENERATOR

TRW-05279

0908-0499

Call the National Response Center (800) 424-8802.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW, 19 Pinney St
4. Generator's Phone (617) [illegible] MA
5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: [illegible]
10. US EPA ID Number: [illegible]

A. State Manifest Document Number: MA F337490
B. State Gen. ID: [illegible]
C. State Trans. ID: MA [illegible]
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone ([illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non Hazardous (MA[illegible]) [illegible]	001	[illegible]	02124	G	MA[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Pumice Sludge [illegible]
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency call [illegible]
30"

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	07 11 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Michael Cadigan	Michael Cadigan	07 11 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F337490 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05280

0908-0500

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

53933
MAF 574125

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 100044
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA

10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 574125
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. STATE REGULATED OIL WASTE	28	BM DF	1,540	G	MA01
b.					
c.					
d.					

GENERATOR

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
Cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 07 Day 16 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow — Signature: [signature] — Date: Month 07 Day 16 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 07 Day 16 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574125 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05281

0908-0501

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00044
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name [illegible] 6. US EPA ID Number [illegible]
7. Transporter 2 Company Name 8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible] 10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F 574125
B. State Gen. ID [illegible]
C. State Trans. ID MA 721804
D. Transporter's Phone [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	28	DF	1,540	G	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. 0 1 c.
b. d.

15. Special Handling Instructions and Additional Information [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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[illegible]

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Kistle	Bruce Kistle	07 16 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
[illegible]	[illegible]	07 16 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574125 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05282

0908-0502

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: TRW Fasteners Div., 195 Binney St., Cambridge, Ma Pick Up # 53933.

EPA I.D. Number: MADC192948 67

Waste Profile or ARF Designation: A

Manifest Number: MAF 574125

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO _____ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 7-16-91

PRINT NAME: Bruce Ricketts TITLE: _____

0908-0503

TRW-05283

48-14-1 (3/89)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Document No.
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW FASTENERS
195 Binney STREET CAMBRIDGE, MA 02742

4. Generator's Phone ( )

A. State Manifest Document No. NY B 132082 2

B. Generator's ID

5. Transporter 1 (Company Name) | 6. US EPA ID Number

C. State Transporter's ID 46765A NY

D. Transporter's Phone ( )

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.					EPA / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above

a | c
b | d

K. Handling Codes for Wastes Listed Above

a ☑ | c ☐
b ☐ | d ☐

15. Special Handling Instructions and Additional Information

170970

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name | Signature | Mo. Day Year

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Terry Manhardt | Signature: Terry Manhardt | Mo. Day Year: 07 11 91

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

19. Discrepancy Indication Space Item B - Same
Actual Qty Recd 29280 P

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Lynn Piechowski | Signature: Lynn Piechowski | Mo. Day Year: 07 17 91

GENERATOR

TRANSPORTER

FACILITY

NY B 132082 2

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator—mailed by TSD facility

0908-0504

TRW-05284

48-14-1

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

Please print or type. Do not Staple.

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document No. NY B 132082 2

B. Generator's ID

5. Transporter 1 (Company Name) | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone ( )

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone ( )

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.					EPA / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a | c

b | d

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name | Signature | Mo. Day Year

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Mo. Day Year

NY B 132082 2

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0505

TRW-05285

COPY 8—Generator—retained by generator

CHEMICAL WASTE MANAGEMENT, INC.
DISPATCH/SHIPPING INSTRUCTIONS

DRIVER: Terry Manhardt TRUCK: 341683
FLATBED ___ VAN ___ END DUMP ___ TRLR1 346657 & 399C
TANKER: MS SS RL ROLLOFF ✓ TRLR2 ___

SHIPPER:
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02742
FED EPA ID MAD019294867

TRANSPORTER:
CHEMICAL WASTE MANAGEMENT, INC
1550 BALMER ROAD
MODEL CITY NY 14107
PHONE 716/754-8231

RETURN ___
LEAVE ___
NET ___

CONTAINER NO / TYPE	WASTE NAME DOT DESCRIPTION -- CLASS	PROFILE PERMIT	WEIGHT
1 / 30yd Box	METAL HYDROXIDE SLUDGE FROM RQ HAZARDOUS WASTE S ORM-E F006 F006	APPROVED FOR 04/10/92 K50992MDC	EXP. 04/10/92
			DOT ID. 9189

CONTACT 1) SMA GEGENTI 617/494-5812

DRIVER'S DIRECTIONS 8AM

DATE OF PICKUP 7/11/91 MANIFEST NO. NYB 1320822 O. NO. 170980

TIME SUMMARY		COMMENTS
ARRIVE CUST	8:00AM	Switch Boxes, Wait for WMI Truck to do switch,
START LOAD		Tarp, Untarp, Placard, Line Box, Wait for them
END LOAD	1:00pm	to drain water from Box, Paperwork
TOTAL TIME	5:00	CUSTOMER SIGNATURE [signature]

DATE COMPLETED 7-11-91
DATE PREPARED 07/09/91 BY 00
DRIVER SIGNATURE Terry Manhardt

0908-0506

TRW-05286

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Silver Room drums

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: L4503
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW
195 Binney St. Cambridge, MA 02139

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: Price Trucking Co
6. US EPA ID Number: NYD046766574

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
~~Clean Harbors of Braintree~~ LAIDLAW ENV. SVCS. (NC) INC.
~~385 Quincy Ave.~~ ROUTE 11, REIDSVILLE, NC 27320
~~Braintree, MA 02184~~ NCD 000 648451
10. US EPA ID Number: ~~MAD053452637~~

A. State Manifest Document Number: MA F 579555
B. State Gen. ID: SAME
C. State Trans. ID: AP1981 NH.
D. Transporter's Phone ( ) 716 822-1414
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone ( ) 617 [illegible]

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste hydrogen peroxide solution (8 to 40% peroxide) Oxidizer UN2014	1	DF	125	P
b. RQ, Hazardous waste solid, n.o.s. (silver) ORM-E NA9189 (F008) (D011)	[illegible]	DM	600	P
c. RQ, Hazardous waste liquid, n.o.s. (silver) ORM-E NA9189 (F007)(D011)	9	DM	2700	P
d. RQ, Hazardous waste liquid, n.o.s. (silver) ORM-E Na9189 (F007)(D011)	4	DM	1200	P

J. Additional Descriptions for Materials Listed Above (Include profile and waste code)
L4503(LES)01 L4510(LES)05 L4510(LES)17,18
L4510(LES)15 L4510(LES)10 L4510(LES)06,07,08
Debris,w/silver, trace cyanide hypochlorite, rinse w/silver cyanide

K. Handling Codes for Wastes Listed Above
a. 1
b. 1
c. 1
d. 1

15. Special Handling Instructions and Additional Information
Emergency contact: Sam Girgenti (617)494-5808 Disp. P.O. 42901

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Printed/Typed Name: Sam Girgenti
Signature: Samuel A Girgenti
Date: Month 07 Day 01 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: THOMAS RICHARD
Signature: Thomas Richard
Date: Month 07 Day 05 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
Block 2 change page 1 of 1 to page 2 of 2

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Matthew S Richter
Signature: Matt S Ritt
Date: Month 07 Day 09 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F579555 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05287

0908-0507

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. L4503
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW
195 Binney St. Cambridge, MA 02139

4. Generator's Phone (617 494-5808)

5. Transporter 1 Company Name: Price Trucking Co
6. US EPA ID Number: NYD0[illegible]
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
~~Clean Harbors of Braintree~~
~~385 Quincy Ave.~~
~~Braintree, MA 02184~~
LAIDLAW ENV. SVCS. (TS) INC.
ROUTE 11, REIDSVILLE, NC 27320
NCD 000 648451
MAD053452637

A. State Manifest Document Number: MA F 579555
B. State Gen. ID:
C. State Trans. ID: SAME AP1781 NH.
D. Transporter's Phone ( )
E. State Trans. ID: 716 822-1414
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (617 849-1807) 919/342-6106

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. Waste hydrogen peroxide solution (8 to 40% peroxide) Oxidizer UN2014	1	DF	125	P	D001
b. RQ, Hazardous waste solid, n.o.s. (silver) ORM-E NA9189 (F008) (D011)	8	DM	600	P	F008D011
c. RQ, Hazardous waste liquid, n.o.s. (silver) ORM-E NA9189 (F007)(D011)	9	DM	2700	P	F007D011
d. RQ, Hazardous waste liquid, n.o.s. (silver) ORM-E NA9189 (F007)(D011)	4	DM	1200	P	F007D011

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. L4503(LES)01
L4510(LES)15 L4510(LES)10
Debris w/silver, trace cyanide
L4510(LES)01thru05
L4511(LES)12,14,17,18
Hypochlorite rinse w/silver
L4511(LES)13
L4510(LES)06,07,08
Hypochlorite rinse w/silver cyanide

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Emergency contact: Sam Girgenti (617)494-5808 Disp. P.O. 42901

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Printed/Typed Name	Signature	Date Month Day Year
Sam Girgenti	Samuel Girgenti	07 03 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Thomas Richard	Thomas Richard	07 03 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F579555 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAIN. 0908-0508 TRW-05288

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Watertown and Rd. Silver Room drums

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: L4503
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW
195 Binney St. Cambridge, MA 02139

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: Price Trucking Co.
6. US EPA ID Number: NYD046765574

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
~~Clean Harbors of Braintree~~
~~385 Quincy Ave.~~
~~Braintree, MA 02184~~
LAIDLAW ENV. SVCS. (TS) INC.
ROUTE 11, RETDSVILLE, NC 27320
NCD 000648451
~~MAD053452637~~

10. US EPA ID Number:

A. State Manifest Document Number: MA F 579554
B. State Gen. ID: SAME
C. State Trans. ID:
D. Transporter's Phone (716) 822-1414
E. State Trans. ID: AP1781 NH
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (919/342-6106 617 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ, Hazardous waste liquid, n.o.s. (sodium cyanide) ORM-E NA9189 (F009)	3	DF	120	P	F009
b. RQ, Waste alkaline liquid, n.os. (sodium hydroxide) Corrosive material NA1719 (D002)(F009)	1	DF	350 3200	P	D002F009
c. RQ, Waste alkaline liquid, n.o.s. (sodium hydroxide) Corrosive material NA1719 (D002)(F009)	7	DF	2800	P	D002F009
d. RQ, Hazardous waste solid, n.o.s. (silver) ORM-E NA9189 (D011)(F006)	10	DM	3500	P	D011F006

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
L4503(LES)[illegible] bath add w/trisodium phosphate
L4503(LES)E
b. zinc cleaner
c. L4503(LES)A,B,C,D,F,G,I zinc cleaner
L4531(LES)01,02
L4510(LES)11thru16,09
d. plating sludge w/silver
L4511(LES)16

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
emergency contact: Sam Girgenti (617)494-5808 Disp. p.o. 42901

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Sam Girgenti — Signature: [signature] — Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Thomas Richard — Signature: [signature] — Date: Month Day Year 07 09 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Matthews Richter — Signature: [signature] — Date: Month Day Year 07 09 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F579554 COPY>3 FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05289

0908-0509

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: L4503
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW
195 Binney St. Cambridge, MA 02139

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: Price Trucking Co.
6. US EPA ID Number: NYD046765574

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
~~Clean Harbors of Braintree~~ LAIDLAW ENV. SVCS. (TS) INC.
~~385 Quincy Ave.~~ ROUTE 11, RETDSVILLE, NC 27320
~~Braintree, MA 02184~~ NCD 000648451
~~MAD053152637~~

A. State Manifest Document Number: MA F 579554
B. State Gen. ID: SAME
C. State Trans. ID:
D. Transporter's Phone (716) 822-1414
E. State Trans. ID: A01781 NH
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (919/342-6106 / 619/849-1807)

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ, Hazardous waste liquid, n.o.s. (sodium cyanide) ORM-E NA9189 (F009)	3	DF	120	P	F009
b. RQ, Waste alkaline liquid, n.os. (sodium hydroxide) Corrosive material NA1719 (D002)(F009)	1	DF	350 3200	P	D002F009
c. RQ, Waste alkaline liquid, n.o.s. (sodium hydroxide) Corrosive material NA1719 (D002)(F009)	7	DF	2800	P	D002F009
d. RQ, Hazardous waste solid, n.o.s. (silver) ORM-E NA9189 (D011)(F006)	10	DM	3500	P	D011F006

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
L4503(LES)A,B,C,D,F,G,I
bath add w/trisodium phosphate
L4503(LES)E
b. zinc cleaner
c. L4503(LES)A,B,C,D,F,G,I zinc cleaner
L4631(LES)01,02
L4510(LES)11thru16,09
d. plating sludge w/silver
L4511(LES)16

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
emergency contact: Sam Girgenti (619)494-5808 Disp. p.o. 42901

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Printed/Typed Name: Sam Girgenti — Signature: [signature] — Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Thomas Richard — Signature: [signature] — Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 579554 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS 0908-0510 TRW-05290

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: TRW 195 BINNEY ST. CAMBRIDGE, MA 02139

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: _____

Manifest Number: MAF 579554 MAF579555

EPA Hazardous Waste Number(s): F009 D002 F006 D001 D011 F008 F007

Waste Analysis Attached? YES _____ NO X _____ On file at facility.

___ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard or, by the appropriate regulatory treatment method.

Category 6 - Lab Pack Certification

___ (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(g).

___ (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S Gingenti DATE: 7/3/91

PRINT NAME: Samuel S Gingenti TITLE: Chief Operator.

Only Original Signatures will be Accepted

0908-0511

TRW-05291

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

(41)

53646
MAF 574495

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00043
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 574495
B. State Gen. ID: SAME
C. State Trans. ID: MA972709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID, n.o.s. (NICKEL CHLORIDE, NICKEL SULFATE) ORM-E NA9188 (MA99) G	2	DF	110	G	MA99 A
b. STATE REGULATED OIL WASTE A	34	DF	1,870	G	MA01
c. STATE REGULATED OIL WASTE B	3	DM	1182	P	MA01
d. NON-REGULATED MATERIAL N2	2	DF	110	G	MA99

J. Additional Descriptions for Materials Listed Above

	K. Handling Codes for Wastes Listed Above
a. MIXED OIL/WATER	a. S 0 1
b. W&B GRINDING COOLANT E	b. S 0 1 c. S 0 1

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
ITEM 11A CONTAINS 2 DM'S Cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name: BRUCE RICKETTS
Signature: Bruce Ricketts
Date: Month 07 Day 03 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RICHARD GANZEL
Signature: Richard Ganzel
Date: Month 07 Day 03 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 07 Day 03 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574495 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0512

TRW-05292

COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 574495

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00043
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone ( ) 494-5756

A. State Manifest Document Number: MA F 574495
B. State Gen. ID: SAME
C. State Trans. ID: MA972709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address:
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID,n.o.s. (NICKEL CHLORIDE,NICKEL SULFATE) ORM-E NA9188 (MA99)	G	2	DF	110	G	MA99
b. STATE REGULATED OIL WASTE	A	34	DF	1870	G	MA01
c. STATE REGULATED OIL WASTE	B	3	DM	1182	P	MA01
d. NON-REGULATED MATERIAL	N2	2	DF	110	G	MA99

J. Additional Descriptions for Materials Listed Above (Include Waste Water and hazard code)
a. MIXED OIL/WATER
b.
c. M&B GRINDING COOLANT E
d. 5

K. Handling Codes for Wastes Listed Above
a. S 0 1 c. S 0 1
b. S 0 1 d. S 0 1

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
ITEM 11A 2 DM'S

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH-EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	07 03 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Richard Gingel	Richard Gingel	07 03 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574495 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

TRW-05293

COPY>8: GENERATOR RETAINS 0908-0513

Generator Name/Location: _____ Sheet 1 of ____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other
A, B	1	M401							
G, N2	1	M499							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Crespls (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.2.2-richloro-1.2.2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F010-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2.4.5-Trichlorophenol	0.05 ppm
34	2.4.6-Trichlorophenol	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	1.30 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0514

TRW-05294

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 53646

Generator Name/Location: TRW FASTENERS DIV. CAMBRIDGE, MA.

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: see back

Manifest Number: MAE574495

EPA Hazardous Waste Number(s): see back

Waste Analysis Attached? YES ____ NO ✓ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 4-3-91

PRINT NAME: Bruce Ricketts TITLE:

TRW-05295

0908-0515

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55261
MAF 576331

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00054
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 576331
B. State Gen. ID: SAME
C. State Trans. ID: MA-721-804
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	11	DF	605	G	MA01
b. STATE REGULATED OIL WASTE	2	DM	110	G	MA01
c. STATE REGULATED OIL WASTE	1	DM	378	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
c. MIXED OILY DEBRIS
b. MIXED OIL/Water
d.

K. Handling Codes for Wastes Listed Above
a. S01
c. S01
b. S01
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR — Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 08 Day 30 Year 91

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Charles A. Vitto — Signature: [signature] — Date: Month 08 Day 30 Year 91

TRANSPORTER — 18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY — 19. Discrepancy Indication Space

FACILITY — 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 08 Day 30 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F576331 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05296

0908-0517

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible]
Manifest Document No.: 000584
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
4. Generator's Phone ( ) [illegible]

A. State Manifest Document Number: MA F 576331
B. State Gen. ID: [illegible]

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]

C. State Trans. ID: MA-721-304

7. Transporter 2 Company Name
8. US EPA ID Number

D. Transporter's Phone ([illegible])
E. State Trans. ID

9. Designated Facility Name and Site Address
[illegible]
10. US EPA ID Number: [illegible]

F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone ([illegible])

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	11	DF	605	G	MA01
b. STATE REGULATED OIL WASTE	2	DM	110	G	MA01
c. STATE REGULATED OIL WASTE	1	DM	373	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OIL/Water
c. MIXED OILY Debris
d.

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c. S01
d.

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY: CONTACT CALDWAN CONSTR. WASTE [illegible]

Printed/Typed Name	Signature	Date (Month Day Year)
[illegible]	[illegible]	03 30 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Charles A. Vitt	[illegible]	03 30 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F576331 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05297

0908-0518

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BIRNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD012294867

Waste Profile or ARF Designation: B

Manifest Number: MAE576331

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO X _____ On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[X] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 8-30-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05298

0908-0519

TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

Generator Name/Location:

MAD019294867 MAE576331

EPA I.D. Number: Manifest Number:

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
B, A	1	MA01							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

	F001-F005 spent solvent	Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

	F020-F023 and F026-F028 dioxin Containing Waste	Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

TRW-05299

0908-0520

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55260
MAF 576330

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00053
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 576330
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA-721-804

7. Transporter 2 Company Name
8. US EPA ID Number
D. Transporter's Phone (508) 683-1002
E. State Trans. ID

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	23	DM DF	1540	G	MA01
b. STATE REGULATED OIL WASTE	3	DM	1364	P	MA01
c. RQ WASTE PAINT UN1263 FLAMMABLE LIQUID (D001)	1	DM	55	G	D001
d. NON-REGULATED MATERIAL	1	DM	98	P	MA99

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code)
a. MIXED OILY WATER
b. MIXE OILY DEBRIS
c. PAINT W/ XYLENE, TOLUENE
d. PAINT SOLIDS W/XYLENE, TOLUENE

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
#12a-2-DM, 26-DF
Cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Gargenti	Samuel S Gargenti	08 27 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Charles A. Vitti	[illegible]	08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	08 27 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F576330 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05300

0908-0521

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No.
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible]
[illegible]
4. Generator's Phone ([illegible]) [illegible]

A. State Manifest Document Number: MA F 576330
B. State Gen. ID: [illegible]
C. State Trans. ID: MA-721-804
D. Transporter's Phone ([illegible]) [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ([illegible]) [illegible]

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: [illegible]
10. US EPA ID Number: [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	28	PM* DF	1540	G	[illegible]
b. STATE REGULATED OIL WASTE	3	DM	1364	P	MA01
c. RQ WASTE PAINT UN1263 FLAMMABLE LIQUID (D001)	1	DM	55	G	D001
d. NON-REGULATED MATERIAL	1	DM	98	P	MA-99

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXE OILY DEBRIS
c. PAINT W/ XYLENE, TOLUENE
d. PAINT SOLIDS W/XYLENE, TOLUOL

K. Handling Codes for Wastes Listed Above
a. [illegible] c. S01
b. S01 d. S01

15. Special Handling Instructions and Additional Information
[illegible]
*12a-2-DM, 26-DF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) [illegible]

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Girgenti	Samuel S Girgenti	08 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Charles A. Vitti	[illegible]	08 27 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F576330 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05301

0908-0522

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted! # 55260

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A, B, E, F, M-2, R, R-2

Manifest Number: MAE576330, MAE675746

EPA Hazardous Waste Number(s): MA01, MA99, D001

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S. Giorgenti DATE: 8/27/91
Samuel S Giorgenti TITLE: Chief Operator

0908-0523 TRW-05302

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF576330

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTH
B, A.	1	MA01							
F-3	2	D001		Ignit. Low Hi TOC	NWW	268.42 Table 2	FSUBS RORCS INCIN		
E, M-2, R, R-2	1	MA99							

TRW-05303

0908-0524

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

FACILITY COPY

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF SOLID AND HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

55260

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019274867 Manifest Document No. 00053
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW Fasteners, 195 Binney St, Cambridge, Mass. 02142
4. Generator's Phone (617) 494 5756

A. State Manifest Document Number: MA C675746
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENVIROMENTAL SVCS (NORTHEAST) INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA-721 804

7. Transporter 2 Company Name
8. US EPA ID Number
D. Transporter's Phone: 508 683-1002
E. State Trans. ID

9. Designated Facility Name and Site Address: LAIDLAW ENVIROMENTAL SVC.S (NORTHEAST) INC. 300 CANAL ST. LAWRENCE, MASS.
10. US EPA ID Number: MAD000604447
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ. HAZARDOUS SUBSTANCE SOLID, NOS. (Nickel Chloride, Nickel Sulfamate) ORM-E NA 9188	1	DM	433	P	MA99
b. CORROSIVE SOLID, NOS. (Sodium Hydroxide)	1	DM	132	P	MA99
c. NON-REGULATED MATERIAL	1	DM	556		MA99
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Nickel Salts + Anode Bags
b. Filters w/ Caustic
c. Blue 0.1 - Synthetic
d.

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c. S01
d.

15. Special Handling Instructions and Additional Information
Cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. EMERGENCY PHONE # LAIDLAW (NORTHEAST) 508 683 1002

Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Date: Month 03 Day 27 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles A. Vitti
Signature:
Date: Month 03 Day 27 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 03 Day 27 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA C675746 COPY>3: GENERATOR-MAILED BY TSDF

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-86) Previous editions are obsolete.

COPY>3: GENERATOR-MAILED BY TSDF

TRW-05304

0908-0525

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF SOLID AND HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA C675746 COPY>8: GENERATOR-RETAINED BY GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019279967 Manifest Document No. [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ([illegible])
A. State Manifest Document Number: MA C675746
B. State Gen. ID: SAME

5. Transporter 1 Company Name (NORTHEAST) LAIDLAW ENVIRONMENTAL SVCS
6. US EPA ID Number: MAD 00609447
C. State Trans. ID: MA 721 904

7. Transporter 2 Company Name
8. US EPA ID Number
D. Transporter's Phone (505) 633-1002
E. State Trans. ID

9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SVCS (NORTHEAST) 300 CANAL ST LAWRENCE MASS.
10. US EPA ID Number: MAD000609447
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (505) 633-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SOLID, NOS (Nickel Salts, Nickel Salt mix) ORM-E NA 9155	1	DM	433	P	MA99
b. Corrosive Solid, Nos (Cadmium Hydroxide)	1	DM	132	P	MA99
c. NON-REGULATED MATERIAL	1	DM	55	G	MA99
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Nickel Salts & Anode Bags
b. Filters w/ Caustic
c. Blue 0.1 - Synthetic
d.

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c. S01
d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. EMERGENCY MAJOR LAIDLAW (NORTHEAST) 505 633 1002

Printed/Typed Name	Signature	Date Month Day Year
Samuel S Gregorio	[signature]	09 07 11

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[signature]	09 07 11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-86) Previous editions are obsolete.

COPY>8: GENERATOR-RETAINED BY GENERATOR

TRW-05305

0908-0526

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

55260

54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

Generator Name/Location:

MAD019298867

EPA I.D. Number:

A, B, E, F, M-2, R, R-2

Waste Profile or ARF Designation:

MAE576330, MAC675746

Manifest Number:

MA01, MA99, D001

EPA Hazardous Waste Number(s):

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

0908-0527

SIGNATURE: Samuel S. Girgenti DATE: 8/27/91

PRINT NAME: Samuel S Girgenti TITLE: Chief Operator

TRW-05306

TRW FASTENERS DIV. 195 KINNEY STREET CAMBRIDGE MA 02142

Generator Name/Location:

MAD019294867 MAE576330

EPA I.D. Number: Manifest Number:

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
B, A	1	MA01							
F	2	D001		Ignit. Lab Hi TOC	NWW	268.42 Table 2	FSUBS RORGS INCIN		
E, M2, R, R-2	1	MA99							

TRW-05307

0908-0528

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55201
MAF 581472

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 100052
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 581472
B. State Gen. ID: SAME
C. State Trans. ID: MA-972-710
D. Transporter's Phone 508)683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone 508)683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST). INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST).INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	38	DM	2090	G	MA01
b. STATE REGULATED OIL WASTE	3	DM	1606	P	MA01
c. STATE REGULATED OIL WASTE	3	DM	165	G	MA01
d. STATE REGULATED OIL WASTE	2	DM	10	G	MA01

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c. CUTTING OIL AND LUBE OIL
d. GREASE

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Cont. drive Id (cont.) Arsenault
Item 11.A. 10 Drums Fiber Item 11.D 5 GAL Pails

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	10 8 26 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Michael Belmont	Michael Belmont	10 8 26 91

TRANSPORTER

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	10 8 26 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 581472 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05308

0908-0529

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No. 00059
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
4. Generator's Phone ( )
5. Transporter 1 Company Name
6. US EPA ID Number
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
10. US EPA ID Number

A. State Manifest Document Number: MA F 581472
B. State Gen. ID
C. State Trans. ID: MA-972-710
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	38	DM	2-40	G	
b.	3	DM	1606	P	
c.	3	DM	165	G	
d.	2	DM	10	G	

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c. CUTTING OIL AND LUBE O
d. GREASE

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Item 11.A. 10 Drums Fiber Item 11.D 5 GAL Pails

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 08 Day 26 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Belmont
Signature: Michael Belmont
Date: Month 08 Day 26 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 581472 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05309

0908-0530

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: 5000 TRW CASTERBRIDGE, 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD[illegible]

Waste Profile or ARF Designation: B [illegible] 02

Manifest Number: [illegible]

EPA Hazardous Waste Number(s): D001

Waste Analysis Attached? YES _____ NO X _____ _____ On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 8-26-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05310

0908-0531

Generator Name/Location: TRW FASTENERS DIV. 105 BARNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE581372

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MS)	OTHER
A	1	AA01							
B	1	AA01							
D	1	AA01							
H	1	AA01							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0532

TRW-05311

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55050
MAF 581213

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00051
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 581213
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA 721804
D. Transporter's Phone: (508) 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE COMBUSTIBLE LIQUID, n.o.s. (ISOPROPANOL) COMBUSTIBLE LIQUID NA1993 (D001)	01	DF	55	G	D001
b. STATE REGULATED OIL WASTE	43	PM DF	2365	G	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. LACQUER & H2O
b. MIXED OIL/WATER
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR — Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month 08 Day 22 Year 91

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Philip W. Thurlow — Signature: [illegible] — Date: Month 08 Day 22 Year 91

TRANSPORTER — 18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY — 19. Discrepancy Indication Space

FACILITY — 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: DAVE GUILFOYLE — Signature: Dave Guilfoyle — Date: Month 08 Day 22 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F581213 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05312

0908-0533

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00051
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible] EASTENERS DIV.
[illegible] KINNEY STREET
CAMBRIDGE MA [illegible]

4. Generator's Phone ([illegible]) [illegible]

5. Transporter 1 Company Name [illegible] NORTH EAST [illegible] INC. 6. US EPA ID Number [illegible]

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
[illegible] CANAL STREET
LAWRENCE MA

10. US EPA ID Number MAD000060444

A. State Manifest Document Number MA F 581213
B. State Gen. ID SAME
C. State Trans. ID MA 721804
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE COMBUSTIBLE LIQUID, n.o.s. (ISOPROPANOL) COMBUSTIBLE LIQUID NA1993 (D001)	01	DF	55	G	D001
b. STATE REGULATED OIL WASTE	43	DM DF	2365	G	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. LACQUER & H2O c.
b. MIXED OIL/WATER d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 c.
b. S 0 1 d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	09 27 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Philip W. Thurlow	[illegible]	08 22 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F581213 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05313

0908-0534

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

55050

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A S2

Manifest Number: MAE581213

EPA Hazardous Waste Number(s): MA01D001

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05314

SIGNATURE: Bruce Ricketts DATE: 8-22-91

PRINT NAME: Bruce Ricketts TITLE: ____

0908-0535

AKS

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE581213

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No (MG/L)	OTHER
A	1	MA01							
S2	2	D001		IGNIT LIQ TOC>10%		[illegible]	[illegible] INCIN		

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

AR J

0908-0536

TRW-05315

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

54835
MAF 574921

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00050
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 574921
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA 721804
D. Transporter's Phone (508) 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	01	DM	414	P	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

Cont. driver R. Arseault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Gigenti	Samuel S Gigenti	08 14 91

TRANSPORTER

	Printed/Typed Name	Signature	Date (Month Day Year)
17. Transporter 1 Acknowledgement of Receipt of Materials	Philip W. Thurlow	[illegible]	08 14 91
18. Transporter 2 Acknowledgement of Receipt of Materials			

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	08 14 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574921 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05316

0908-0537

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00050
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name [illegible] 6. US EPA ID Number [illegible]
7. Transporter 2 Company Name 8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible] 10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F574921
B. State Gen. ID SAME
C. State Trans. ID MA 721804
D. Transporter's Phone [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 685-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	01	DM	414	P	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S01
b.
c.
d.

15. Special Handling Instructions and Additional Information [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

[illegible] EMERGENCY SITUATION CONTACT [illegible] 508-685-1002

Printed/Typed Name	Signature	Date (Month Day Year)
[illegible]	[illegible]	08 14 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
[illegible]	[illegible]	08 14 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574921 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05317

0908-0538

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

54835

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A B C2 D2 Q2

Manifest Number: MAF574920 MAF574921

EPA Hazardous Waste Number(s): MA01F002D007MA99

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) (SEE BACK)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S Girgenti DATE: 8/14/91

PRINT NAME: Samuel S Girgenti TITLE: Chief Operator

0908-0539

TRW-05318

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019394867 Manifest Number: MAE574920 MAE574921

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
B	1	MA01							
C2	2	F002			NWW			22=0.41 14=.96	
Q2	2	D007			NWW	268.41(a)			
Q2	1	MA99							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0540

TRW-05319

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

54835
MAF 574920

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00049
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 574920
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE ORM-A, n.o.s. (CHLORINATED HYDROCARBONS) ORM-A NA1693	01	DF	55	G	F002
b. RQ HAZARDOUS WASTE SOLID, n.o.s. (CHROMIUM) ORM-E NA9189 (D007)	01	DM	564	P	D007
c. WASTE ORM-A, n.o.s. (1,1,1-TRICHLOROETHANE) ORM-A NA1693	01	DF	05	G	MA99
d. STATE REGULATED OIL WASTE	33	DM DF	1815	G	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. WASH WATER WITH DESOL 2
b. W&B GRINDING COOLANT E5
c. WAX W/1,1,1-TRICHLOROETHANE
d. MIXED OIL/WATER

K. Handling Codes for Wastes Listed Above
a. S 01 c. S 01
b. S 01 d. S 01

15. Special Handling Instructions and Additional Information
Ia (cont.) (1X55) Ib (cont.) Ic (cont.) (1X5) Id (cont.)
Cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gingenti
Signature: Samuel S Gingenti
Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature: [signature]
Date: 08 14 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: 08 14 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F574920 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05320

0908-0541

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
4. Generator's Phone ( ) [illegible]

A. State Manifest Document Number: MA F 574920
B. State Gen. ID: NAME
C. State Trans. ID: MA 221804
D. Transporter's Phone ([illegible])
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ([illegible])

5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible]
10. US EPA ID Number [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE ORM-A, [illegible] (CHLORINATED HYDROCARBONS) ORM-A [illegible]	01	DF	55	G	F002
b. NO HAZARDOUS WASTE [illegible] (CHROMIUM) ORM-E [illegible]	01	DM	564	P	D007
c. WASTE ORM-A, [illegible] (1,1,1-TRICHLOROETHANE) ORM-A [illegible]	01	DF	05	G	MA99
d. STATE REGULATED OIL WASTE	33	DM DF	1,815	G	MA01

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. WASH WATER WITH DESOL [illegible]
b. W&B GRINDING COOLANT [illegible]
c. WAX W/1,1,1-TRICHLOROETHANE
d. MIXED OIL/WATER

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
(1X55) (1X5)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT [illegible] (NORTH EAST) [illegible]

Printed/Typed Name: Samuel S Gregori
Signature: [signature]
Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [signature]
Date: 08 14 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 574920 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05321

0908-0542

48-14-1 (3/89)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD 012 945 700 — Manifest Document No. SG 002

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW FASTENERS
195 Binney Street, Cambridge, MA 02142

4. Generator's Phone (617) 494-8756

A. State Manifest Document No. NY B 248184 0

B. Generator's ID

5. Transporter 1 (Company Name) Chemical Waste Management

6. US EPA ID Number NYD 009 202 631

C. State Transporter's ID 8643 I ZNY

D. Transporter's Phone (716) 754-8231

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services/Model City Facility
1550 Balmer Road
Model City, NY 14107

10. US EPA ID Number NYD 004 983 579

G. State Facility's ID

H. Facility's Phone (716) 754-8231

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid, N.O.S. (F006) ORM-E, NA 9189	XX1	CM	XXX20	Yds	EPA F006 STATE F005
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge (S)
a 1.2-1.4
b
c
d

K. Handling Codes for Wastes Listed Above
a L
b
c
d

15. Special Handling Instructions and Additional Information
Profile No. K50992
Work Order No. 172881
In the event of emergency contact CWM @ 205/652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Gurgenti — Signature: Samuel S Gurgenti — Mo. Day Year: 08 09 91

TRANSPORTER

17. ~~Transporter 1~~ (Acknowledgement of Receipt of Materials)

Printed/Typed Name: ~~Samuel S Gurgenti~~ SG — Signature: ~~Samuel S Gurgenti~~ SG — Mo. Day Year: ~~08 09 91~~

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Terry Manhardt — Signature: Terry Manhardt — Mo. Day Year: 08 09 91

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Mo. Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

TRW-05322

0908-0543

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document No. NY B 248184 0

B. Generator's ID

5. Transporter 1 (Company Name)

6. US EPA ID Number

C. State Transporter's ID 864317NY

D. Transporter's Phone ( )

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone (716) 754-0221

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.					EPA / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above

Metal Hydroxide Sludge (S)

a 1.2-1.4 c

b d

K. Handling Codes for Wastes Listed Above

a L c

b d

15. Special Handling Instructions and Additional Information

In the event of emergency contact

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Mo. Day Year

17. ~~Transporter 1~~ (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

Terry Meabatt | Terry Meabatt | 08 09 91

19. Discrepancy Indication Space

Have B. SAME

Actual Recd. 16440#

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Mo. Day Year

Judith Cook | | 08 21 91

NY B 248184 0

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator—mailed by TSD facility

TRW-05323

0908-0544

48-14-1 (3/89)—71

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. [illegible] Manifest Document No. [illegible]

2. Page 1 of

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW FASTENERS
135 Binney Street, Cambridge, MA 02142

4. Generator's Phone (617) 494-[illegible]

A. State Manifest Document No. NY B 248184 0

B. Generator's ID

5. Transporter 1 (Company Name) Chemical Waste Management

6. US EPA ID Number NY 0 0 9 9 7 0 2 6 3 1

C. State Transporter's ID [illegible]

D. Transporter's Phone (716) 754-8231

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services/Model City Facility
1550 Balmer Road
Model City, NY 14107

10. US EPA ID Number NY 0 0 4 9 0 3 5 6 7 9

G. State Facility's ID

H. Facility's Phone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid, N.O.S. (F006) OPM-E, NA 9189	1	CM	20	Yds.	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge (S)
a 1.2-1.4 c
b d

K. Handling Codes for Wastes Listed Above
a L c
b d

15. Special Handling Instructions and Additional Information
Profile No. E50992
Work Order No.

In the event of emergency contact CWM @ 205/652-8721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name | Signature | Mo. Day Year

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name | Signature | Mo. Day Year

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name | Signature | Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Mo. Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

NY B 248184 0

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 8—Generator—retained by generator

TRW-05324

0908-0545

CHEMICAL WASTE MANAGEMENT, INC.
DISPATCH/SHIPPING INSTRUCTIONS

DRIVER: Terry Manhardt TRUCK: 341683

PLATED VAN END DUMP TRLR1 346658 & 374A

TANKER: MS SS RL ROLLOFF ✓ TRLR2

SHIPPER:
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
FED EPA ID MAD013294867

TRANSPORTER:
CHEMICAL WASTE MANAGEMENT, INC
1550 BALMER ROAD
MODEL CITY NY 14107
PHONE 716/754-8231

RETURN
LEAVE
NET

CONTAINER NO / TYPE	WASTE NAME DOT DESCRIPTION -- CLASS	PROFILE PERMIT	WEIGHT
1 / 20yd. Box	METAL HYDROXIDE SLUDGE FROM RO HAZARDOUS WASTE S DRM-E F006 F006	APPROVED FOR 04/10/92 KS0992MDC	EXP. 04/10/92 DOT ID. 9189

1. Plastic Liner for a Rolloff Box

CONTACT 1) SMA BEGENTI 617/494-5812

DRIVER'S DIRECTIONS R/O Switch.

DATE OF PICKUP 8/9/91 MANIFEST NO. NYB 2481840 P.O. NO. 172881

TIME SUMMARY		COMMENTS
ARRIVE CUST	7:30 AM	Drop Box, Line Box, Tarp, Untarp,
START LOAD	9:15 AM	Pickup Box, Placard, Paperwork
END LOAD	10:15 AM	
TOTAL TIME	2:45 hr	CUSTOMER SIGNATURE Samuel A Begenti

DATE PREPARED 08/07/91 BY 001

DATE COMPLETED 8-9-91

DRIVER SIGNATURE Terry Manhardt

TRW-05325

0908-0546

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENERS DIV. Manifest Doc. No.: 0000Q

CWM Profile Number: K50992 State Manifest No.: NYB248184 O

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ✓ Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5: SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F006	NONE		X			A
2	F006	NONE			X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT
This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)
"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE
This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT
"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Sam Gegenti SAM GEGENTI Title Chief Operator Date 8/9/91

© 1990 Chemical Waste Management, Inc. - 7/17/90 Form CWM-2001-A

Printed on recycled paper.

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

54618
MAF 575393

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 100048
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 575393
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508)683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508)683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	29	DM* DF	1595	G	MA01
b. STATE REGULATED OIL WASTE	01	DM	372	P	MA01
c.					
d.					
j. [redacted]					
a. MIXED [redacted]					
b.					

GENERATOR

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont driver R Arschoult

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce [illegible] ume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: x Bruce Ricketts
Date: Month 08 Day 07 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman
Signature: Donald Bozeman
Date: Month 08 Day 07 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
*Item 12a. Six metal drums received. Added DM. Verification between Bruce Ricketts and Luke Colglazier 8/8/91.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Luke Colglazier
Signature: Luke Colglazier
Date: Month 08 Day 07 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F575393 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05327

0908-0548

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD01[illegible] — Manifest Document No.: 00048
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone ([illegible]) [illegible]

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 575393
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	29	DF	1595	G	MA01
b. STATE REGULATED OIL WASTE	01	DM	372	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	08 07 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Ronald Bozeman	Ronald Bozeman	08 07 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F575393 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05328

0908-0549

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF 575393

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
B	1	MA01							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0550

TRW-05329

CUSTOMER COPY

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

54618

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A B

Manifest Number: MAF 575393

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 8-7-91

PRINT NAME: Bruce Ricketts TITLE: ____

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

54426
MAF 577337

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 00047
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 577337
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE A	24	DF	1320	G	MA01
b. STATE REGULATED OIL WASTE B	02	DM	796	P	MA01
c.					
d.					

J. Additional Descriptions Listed Above (Include physical state and hazard codes)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Line Item A
Ib (cont.) 19 x DF 5 x DM
Ic (cont.) Cont Driver R-Pelley
Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal [illegible] the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available [illegible] can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 08 Day 01 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman
Signature: Donald Bozeman
Date: Month 08 Day 01 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 08 Day 01 Year 91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F577337 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05331

0908-0552

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible] — Manifest Document No.: 00047
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS DIV. 105 BINNEY STREET CAMBRIDGE MA 02142
4. Generator's Phone ([illegible]) [illegible]
5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC. 300 CANAL STREET LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F577337
B. State Gen. ID: SAME
C. State Trans. ID: MA 773708
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	24	DF	1320	G	MA01
b. STATE REGULATED OIL WASTE	02	DM	796	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
19 x DF

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Bruce Ricketts	Bruce Ricketts	08/01/94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	08/01/94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F577337 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05332

0908-0553

LADCAN ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Pick Up # 54426

Generator Name/Location: TRW FASTENERS Binney St Cambridge MA

EPA I.D. Number: MAD 019294867

Waste Profile or ARF Designation: A, B

Manifest Number: MAF 577337

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO _____ ✓ On file at facility.

✓ Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Bruce Ricketts DATE: 8-1-91

PRINT NAME: Bruce Ricketts TITLE: _____

0908-0554

TRW-05333

0908-0555

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. [illegible] Manifest Document No. [illegible]

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
[illegible]
[illegible] Street, [illegible] 02142

4. Generator's Phone ([illegible])

A. State Manifest Document No. NY B 130931 1

B. Generator's ID

5. Transporter 1 (Company Name) [illegible]

6. US EPA ID Number [illegible]

C. State Transporter's ID 8640 TZ NY

D. Transporter's Phone (715) [illegible]

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
[illegible] City - [illegible] Chemical Services
[illegible] Road
[illegible] City, New York [illegible]

10. US EPA ID Number [illegible]

G. State Facility's ID

H. Facility's Phone (715) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible] Hazardous Waste Solid, [illegible] ([illegible])	[illegible]	[illegible]	[illegible]	[illegible]	EPA [illegible] STATE [illegible]
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. Metal Hydroxide Sludge (s) 1.2-1.4 (S)(T) soil 100%, lead
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Profile No. [illegible]
Work Order No. 174798

In event of emergency contact [illegible] (205) [illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day Year
Samuel S Gingerti	Samuel S Gingerti	[illegible]

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Year
Terrance W Meehardt	Terrance W. Meehardt	09 20 91

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space ITEM B - Sample
[illegible] Rd 12300 P

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo. Day Year
Lynn Piechowski	Lyn Piechowski	10 08 91

NY B 130931 1

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator—mailed by TSD facility

0908-0556

TRW-05334

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: [illegible] Manifest Document No.: [illegible]
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners
[illegible] Binney Street, Cambridge, MA

4. Generator's Phone (617) [illegible]

A. State Manifest Document No. NY B 130931 1

B. Generator's ID

5. Transporter 1 (Company Name): Chemical Waste Management

6. US EPA ID Number: [illegible]

C. State Transporter's ID: [illegible]

D. Transporter's Phone (716) 754-8231

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City - CWM Chemical Services
1550 Balmer Road
Model City, New York 14107

10. US EPA ID Number: [illegible]

G. State Facility's ID

H. Facility's Phone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. B.O. Hazardous Waste Solid, N.O.S. (FD06) [illegible] ([illegible])	X X 1	CY	[illegible]	yds.	EPA FD06 / STATE FD06
b.		DT			EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Metal Hydroxide Sludge (s) 1.2-1.4 (S)(T) soil 100%, lead
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. [ ] c. [ ]
b. [ ] d. [ ]

15. Special Handling Instructions and Additional Information
Profile No. [illegible]
Work Order No. 174798

In event of emergency contact CWM [illegible] (205) 652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] Signature: [illegible] Mo. Day Year

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: [illegible] Signature: Mo. Day Year

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature Mo. Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

NY B 130931 1

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0557

COPY 8—Generator—retained by generator

TRW-05335

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENERS Manifest Doc. No.: 0 0 0 0 4

CWM Profile Number: K 5 0 9 9 2 State Manifest No. NYB 1309311

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F006		X	X			A (Metals)
2	F006		X		X		D (CN)
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Samuel A. Augustine Title Chief Operator Date 9/27/91

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Printed on recycled paper.

TRW-05336

0908-0558

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM—REVERSE SIDE

SOLVENT AND CALIFORNIA LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following US EPA hazardous waste codes: F001, F002, F003, F004, F005, and/or this hazardous waste is subject to any prohibitions identified as California List restrictions (40 CFR 268.32 and/or RCRA Section 3004(d)), then this page MUST accompany the shipment, along with the opposite side of this form. If the waste code F039 describes this waste, then the corresponding treatment standards must be attached.

SOLVENT WASTE TREATMENT STANDARDS

F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Treatment Standard*		F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Treatment Standard*	
	Wastewaters	Nonwastewaters		Wastewaters	Nonwastewaters
Acetone (F003)	0.05	0.59	Methylene chloride (F001, F002)	0.20	0.96
Benzene (F005)	40 CFR 268.43(a) - 0.07	40 CFR 0.07 40 CFR268.43(a) - 3.7	Methylene chloride from pharmaceutical production (F001,F002,F003,F004,F005)	40 CFR 268.43(a) - 0.44	0.96
n-Butyl alcohol (F003)	5.0	5.0	Methyl ethyl ketone (F005)	0.05	0.75
Carbon disulfide (F005)	1.05	4.81	Methyl isobutyl ketone (F003)	0.05	0.33
Carbon tetrachloride (F001)	0.05	0.96	Nitrobenzene (F004)	0.66	0.125
Chlorobenzene (F002)	0.15	0.05	2-Nitropropane (F005)	40 CFR 268.42 - [(WETOX or CHOXD) followed by CARBN] or INCIN	40 CFR 268.42 - INCIN
Cresols (and cresylic acid) (F004)	2.82	0.75	Pyridine (F005)	1.12	0.33
Cyclohexanone (F003)	0.125	0.75	Tetrachloroethylene (F001, F002)	0.079	0.05
1,2-Dichlorobenzene (F002)	0.65	0.125	Toluene (F005)	1.12	0.33
2-Ethoxyethanol (F005) (also called ethylene glycol monoethyl ether)	40 CFR 268.42 - INCIN or BIODG	40 CFR 268.42 - INCIN	1,1,1-Trichloroethane (F001, F002)	1.05	0.41
Ethyl acetate (F003)	0.05	0.75	1,1,2-Trichloroethane (F002)	40CFR 268.43(a) 0.03	40CFR 268.43(a) 7.6
Ethylbenzene (F003)	0.05	0.053	1,1,2-Trichloro-1,2,2-trifluoroethane (F002)	1.05	0.96
Ethyl ether (F003)	0.05	0.75	Trichloroethylene (F001, F002)	0.062	0.091
Isobutanol (F005)	5.0	5.0	Trichlorofluoromethane (F002)	0.05	0.96
Methanol (F003)	0.25	0.75	Xylene (F005)	0.05	0.15

*All spent solvent treatment standards are taken from 40 CFR Part 268.41(a), unless otherwise noted. Wastewater units are mg/l, nonwastewater are mg/kg.

CALIFORNIA LIST TREATMENT STANDARDS—40 CFR 268.32, 40 CFR 268.42 and RCRA Section 3004(d)

A waste must first be designated as a US EPA Hazardous waste before the waste can be subject to the California List restrictions.

Restricted waste description	Prohibition	Treatment Standard
Liquid* or nonliquid wastes containing Halogenated Organic Compounds listed in 40 CFR 268, *Appendix III*	Liquid* wastes: Greater than or equal to 1,000 mg/l *Nonliquid wastes: Greater than or equal to* 1,000 mg/kg	40 CFR 268.42(a)(2) - INCIN
Liquid* wastes containing PolyChlorinated Biphenyls (PCBs)	Greater than or equal to 50 ppm	40 CFR 268.42(a)(1) - INCIN or FSUBS Also see 40 CFR 761.60 and .70
Liquid* wastes containing Cyanides	Free (amenable to chlorination) cyanides at concentrations greater than or equal to 1,000 mg/l	RCRA Section 3004(d)
Liquid* wastes containing Metals	One or more of the following metals (or elements) at concentrations greater than or equal to the following: Arsenic and/or compounds as As: 500 mg/l Cadmium and/or compounds as Cd: 100 mg/l Chromium and/or compounds as Cr: 500 mg/l Lead and/or compounds as Pb: 500 mg/l Mercury and/or compounds as Hg: 20 mg/l Nickel and/or compounds as Ni: 134 mg/l Selenium and/or compounds as Se: 100 mg/l Thallium and/or compounds as Th: 130 mg/l	RCRA Section 3004(d)
Liquid Acid wastes*	*pH is less than or equal to 2.0*	*RCRA Section 3004(d) and 40 CFR 268.32(a)*

* - For the definition of "liquid" refer to Method 9095, the Paint Filter Liquids Test from EPA manual SW-846

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

56136
MAF 573448

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 100058
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 573448
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA721804
D. Transporter's Phone: (508) 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	27	DM BF	1,485	G	MA01
b. STATE REGULATED OIL WASTE	02	DM	764	P	MA01
c. NON-REGULATED MATERIAL	01	DM	76	P	MA99
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c. PAINT SOLID/XYLENE, TOLUOL
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
CONTROLLER D. SHEEHAN

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	09 12 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Philip W. Thurlow	[signature]	09 12 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Linda A Conway	Linda A Conway	09 12 91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 573448 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05338

0908-0560

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 573448

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD[illegible] — Manifest Document No.: 00052
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA [illegible]
4. Generator's Phone ([illegible]) [illegible]
5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD00060444
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC. 300 CANAL STREET LAWRENCE MA
10. US EPA ID Number: MAD00060444

A. State Manifest Document Number: MA F 573448
B. State Gen. ID: SAME
C. State Trans. ID: MA721804
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	27	DM DF	1,485	G	MA01
b. STATE REGULATED OIL WASTE	02	DM	764	P	MA01
c. NON-REGULATED MATERIAL	01	DM	76	P	MA99
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c. PAINT SOLID/XYLENE, TOL OL
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Bruce Ricketts — Signature: Bruce Ricketts — Date: Month Day Year: [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year: [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F573448 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05339

0908-0561

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

56136

54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

Generator Name/Location:

MAD019294867

EPA I.D. Number:

A B E

Waste Profile or ARF Designation:

MAE573448

Manifest Number:

MA01MA99

EPA Hazardous Waste Number(s):

Waste Analysis Attached? YES _____ NO X _____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 9-25-91

PRINT NAME: Bruce Ricketts TITLE: _____

TRW-05340

0908-0562

Generator Name/Location: TRW FASTENERS DIV. 195 KINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF573448

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
B	1	MA01							
E	1	MA99							

TRW-05341

0908-0563

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55917
MAF 572591

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 10005T
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5256

A. State Manifest Document Number: MA F 572591
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA721804
D. Transporter's Phone: 508 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST).INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID.n.o.s. (NICKEL CHLORIDE.NICKEL SULFATE) ORM-E NA9188 (MA99)	02	DF	110	G	MA99
b. STATE REGULATED OIL WASTE	29	DM	1760	G	MA01
c. STATE REGULATED OIL WASTE	05	DM	1946	P	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. NICKEL PLATING SOLUTION
c. MIXED OILY DEBRIS
b. MIXED OIL/WATER
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
c. S 0 1
b. S 0 1
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR
Printed/Typed Name: Bruce Ricketts
Signature: Bruce Ricketts
Date: Month 09 Day 18 Year 91

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature
Date: Month 09 Day 18 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY
19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 09 Day 18 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572591 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

(2w)

0908-0564

TRW-05342

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No. 00057

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name
6. US EPA ID Number

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
10. US EPA ID Number

A. State Manifest Document Number MA F572591
B. State Gen. ID
C. State Trans. ID MA 71804
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	02	DF	110	G	
b.	22	DF	1760	G	
c.	05	DM	1946	P	
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. NICKEL PLATING SOLUTION
c. MIXED OILS
b. MIXED OIL/WATER
d.

K. Handling Codes for Wastes Listed Above
a.
c.
b.
d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Bruce Bickett
Signature: Bruce Bickett
Date: Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip W. Thurlow
Signature
Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Date: Month Day Year

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572591 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05343

0908-0565

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

55917

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019394867

Waste Profile or ARF Designation: A B G

Manifest Number: MAE572591

EPA Hazardous Waste Number(s): MA01MA99

Waste Analysis Attached? YES ____ NO ____ X On file at facility. X

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 9-18-91

PRINT NAME: Bruce Ricketts TITLE: ____

TRW-05344

0908-0566

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE572591

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
B	1	MA01							
G	1	MA99							

TRW-05345

0908-0567

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

48-14-1 (3/89)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Document No.: NYB 8 0 1 7 2 4 9 6 7 | 0 0 0 0 3

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners
195 Birney Street, Cambridge, NY

4. Generator's Phone (617) 494-5756

A. State Manifest Document No. NY B 130930 2

B. Generator's ID SAME

5. Transporter 1 (Company Name): Chemical Waste Management

6. US EPA ID Number: I L D 0 0 8 2 0 2 5 9 1

C. State Transporter's ID 46765AN

D. Transporter's Phone (716) 754-8231

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City - CWI Chemical Services
1550 Balmer Road
Model City, New York 14107

10. US EPA ID Number: N Y D 0 1 2 8 3 1 6 6 7 0

G. State Facility's ID

H. Facility's Phone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. R Q Hazardous Waste Solid, N.O.S. (F006) ORM-E, NA 9189 (Contains soil, lead)	X X 1	C F	2 5	wts.	EPA F006 / STATE F006
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Metal Hydroxide Sludge (s) 1.2- 1.4 (S)(T) soil 100%, lead

K. Handling Codes for Wastes Listed Above
a. c.

15. Special Handling Instructions and Additional Information
Profile No. K50092
Work Order No. 174797
In event of emergency contact CWI (205) 652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S. Gurgenti | Signature: Samuel S. Gurgenti | Mo. 0 9 | Day 1 3 | Year 9 1

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Robert Harvey | Signature: Robert Harvey | Mo. 0 9 | Day 1 3 | Year 9 1

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name | Signature | Mo. | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Mo. | Day | Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

0908-0568

TRW-05346

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. [illegible] Manifest Document No. [illegible]

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
[illegible] Fasteners
[illegible] Stream Street, [illegible]

4. Generator's Phone (617) [illegible]

A. State Manifest Document No. NY B 130930 2

B. Generator's ID SAME

5. Transporter 1 (Company Name) Chemical Waste Management

6. US EPA ID Number [illegible]

C. State Transporter's ID [illegible]

D. Transporter's Phone (716) [illegible]

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City - [illegible] Chemical Services
1550 Balmer Road
Model City, New York 14107

10. US EPA ID Number [illegible]

G. State Facility's ID

H. Facility's Phone (716) 754-[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible] Hazardous Waste Solid, [illegible] ([illegible]) [illegible], [illegible] (Contains soil, lead)	[illegible]	[illegible]	[illegible]	[illegible]	EPA [illegible] STATE [illegible]
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. Metal Hydroxide Sludge (s) 1.2- 1.4
c. (S)(T) soil 100%, lead
b.
d.

K. Handling Codes for Wastes Listed Above
a. ☐ c. ☐
b. ☐ d. ☐

15. Special Handling Instructions and Additional Information
Profile No. [illegible]
Work Order No. 174797

In event of emergency contact [illegible] (205) [illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Giugnati
Signature: [signature]
Mo. Day Year: [illegible]

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Robert Hardy
Signature: [signature]
Mo. Day Year: [illegible]

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name
Signature
Mo. Day Year

19. Discrepancy Indication Space
Actual Qty Rec'd 22240 P

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Lynn Piechowski
Signature: [signature]
Mo. Day Year: [illegible]

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

NY B 130930 2

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator—mailed by TSD facility

TRW-05347

0908-0569

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. [illegible] Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
[illegible]
[illegible] Street, Cambridge, [illegible]

4. Generator's Phone (617) [illegible]

A. State Manifest Document No. NY B 130930 2

B. Generator's ID [illegible]

5. Transporter 1 (Company Name) Chemical Waste Management

6. US EPA ID Number IL D 0 9 9 2 0 2 6 2 1

C. State Transporter's ID 467 65 AMM

D. Transporter's Phone (716 [illegible]

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City - CWI Chemical Services
1550 Balmer Road
Model City, New York 14107

10. US EPA ID Number NY D 0 4 2 6 7 [illegible]

G. State Facility's ID

H. Facility's Phone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste Solid, N.O.S. (D006) 8000-5, NA 9189 (Contains soil, lead)	1 1	CF	2 5	pts.	EPA D006 / STATE D006
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Metal Hydroxide Sludge (s) 1.2- 1.4 (S)(T) soil toxic, lead
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
Profile No. [illegible]
Work Order No. 71797
In need of emergency contact CWI (205) 653-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name [illegible] Signature [illegible] Mo. Day Year

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name [illegible] Signature [illegible] Mo. Day Year 09 13 91

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Signature Mo. Day Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

NY B 130930 2

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 8—Generator—retained by generator

TRW-05348

0908-0570

NET NO. [illegible] PAGE 1

CHEMICAL WASTE MANAGEMENT, INC.
DISPATCH/SHIPPING INSTRUCTIONS

DRIVER: Robert Harvey TRUCK: 1695
FLATBED VAN END DUMP TRLR1: 6657 (37 4/4)
TANKER: MS SS RL ROLLOFF ✓ TRLR2
SHIPPER:
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02742
FED EPA ID MAD019294867

TRANSPORTER:
CHEMICAL WASTE MANAGEMENT, INC
1550 BALMER ROAD
MODEL CITY NY 14107
PHONE 716/754-8231

RETURN
LEAVE 45000
NET

CONTAINER NO / TYPE	WASTE NAME DOT DESCRIPTION -- CLASS	PROFILE PERMIT	WEIGHT
PW 362	METAL HYDROXIDE SLUDGE FROM RQ HAZARDOUS WASTE S ORM-E F006 F006	APPROVED FOR 04/10/92 K50992MDC	EXP. 04/10/92 DOT ID.

467 FSA

CONTACT 1) SMA GEGENTI 617/494-5812

DRIVER'S DIRECTIONS 630 AM SHARP R/O Switch

DATE OF PICKUP 9/13/91 MANIFEST NO. NYB 130930-2 P.O. NO. 174797

TIME SUMMARY		COMMENTS
ARRIVE CUST	615	
START LOAD	645	
END LOAD	745	
TOTAL TIME	1 1/2	CUSTOMER SIGNATURE Samuel S Gregenti

DATE PREPARED 09/11/91 BY 001

DATE COMPLETED 9/13/91

DRIVER SIGNATURE Robert Harvey

0908-0571

TRW-05349

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENERS

Manifest Doc. No.: 00003

CWM Profile Number: K50992

State Manifest No.: NYB1309302

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify **ALL** USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REP #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F006		X	X			A(METALS)
2	F006		X		X		D(CN⁻)
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: Samuel S. Gregorio Title: CHIEF OPERATOR Date: 9/13/91

© 1990 Chemical Waste Management, Inc. 7/17/90 - Form CWM-2001-A

Printed on recycled paper.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

65400

B 2529

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. F 7524
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW, 265 Third St, Cambridge MA
4. Generator's Phone (617) 494 5808
5. Transporter 1 Company Name: Clean Harbors of Kingston
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Clean Harbors of Braintree Inc, 385 Quincy Ave, Braintree MA 02184
10. US EPA ID Number: MAD057452637

A. State Manifest Document Number: MA F337524
B. State Gen. ID: Roger St
C. State Trans. ID: MA 585589
D. Transporter's Phone (617) 585 5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849 1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Oily Debris Non DOT Regulated	001	DM	00200	P	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a.
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. SD
b.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 09 Day 12 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Cadigan — Signature: Michael Cadigan — Date: Month 09 Day 12 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space
See 5 add "Inc."

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: James C Hennessey — Signature: [signature] — Date: Month 09 Day 12 Year 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F337524 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05351

0908-0573

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD 079 000 [illegible] — Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MA F337524

B. State Gen. ID

C. State Trans. ID

D. Transporter's Phone

E. State Trans. ID

F. Transporter's Phone

G. State Facility's ID: Not Required

H. Facility's Phone

3. Generator's Name and Mailing Address: TRW, 20 [illegible] St, Cambridge MA

4. Generator's Phone: 617 494 [illegible]

5. Transporter 1 Company Name: [illegible]

6. US EPA ID Number: MA [illegible]

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address: [illegible]

10. US EPA ID Number: MA [illegible]

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above *(include physical state and hazard code.)*

a.

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month [illegible] Day [illegible] Year [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month [illegible] Day [illegible] Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F337524 COPY>B: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>B: GENERATOR RETAINS

TRW-05352

0908-0574

CleanHarbors
of Kingston, Inc.
325 Wood Road
Braintree, MA 02184
(617) 849-1800

FIELD SERVICES AGREEMENT

CHECK ONE:

( ) CONNECTICUT
( ) KINGSTON
( ) NEW HAMPSHIRE
( ) NEW JERSEY
( ) OTHER _____

( ) NEW YORK
( ) RHODE ISLAND
(X) SOUTH BOSTON
( ) TANK DIVISION
( ) OTHER _____

CUSTOMER:

Name: TRW
Property Owner (if different):
Address: 265 THIRD ST
CAMBRIDGE MASS
Contact Person:
Telephone #:
Telephone Confirmation:
X Yes _____ No
PURCHASE ORDER #
JOB # B-2529

JOB LOCATION: SAME

WORK SCHEDULE/COMPLETION DATE: 9-12-91 / 9-12-91

ESTIMATED COST/PAYMENT TERMS: T+M

CREDIT:

SCOPE OF WORK

CLEAN HARBOR WILL PROVIDE SERVICES TO CLEAN UP HYDROLIC OIL SPILL. T+M RATES, LABOROR, EQUIPMENT, DISPOSAL, MATARIAL USED, FOR ZIMBLE HYDROLIC LEAK

Payment of the total estimated cost is required prior to performance of any service by Clean Harbors unless other payment terms have been established by the parties. Clean Harbors' standard payment terms to accredited accounts are set forth in Paragraph 4 of the Standard Conditions.

The undersigned acknowledges that this is an estimate of costs for the services described in the Scope of Work and is based on the on-site appraisal of the Clean Harbors field representative. It is further acknowledged by the undersigned that the final payment due will be based on actual labor and materials expended by Clean Harbors. Any changes in the Scope of Work will be billed in addition to the estimated costs specified above.

Customer: TRW
(Company Name)

By: Samuel S Gingenti
Signature

Samuel S Gingenti
Print Name

Chief Operator
Title

Date: 9/12/91

Paul Phillips
CLEAN HARBORS

Date: 9-12-91

JOB # B-2529
DAY & DATE 9-12-91
CONTACT PERSON
PHONE # 494-5808

CleanHarbors
(24 HOUR SERVICE)

P.O. #
(T&M) [X]
CONTRACT [ ]
DEPART FROM SHOP
ARRIVE BACK AT SHOP
OR ARRIVE AT NEXT JOB

CLIENT TRW
BILLING ADDRESS 265 THIRD ST
CAMBRIDGE MASS ATTN:

JOB LOCATION SAME
BACK OF BUILDING

LABOR:

NAME	TITLE	ST	OT	DT
	SUPERVISOR			
PAUL PHILLION	FOREMAN	5		
	FOREMAN			
MIKE CADAGAN	EQUIPMENT OPERATOR	4		
DENNIS M'GOWEN	FIELD TECH	4		
	FIELD TECH			
	FIELD TECH			
	FIELD CHEMIST			

EQUIPMENT:

QTY	TYPE	FLEET #	# OF HRS	✓IF DAILY RATE
1	PICK-UP TRUCK	826	5	
	VACUUM TRAILER			
	TRACTOR			
	VACUUM ST. TRUCK			
1	BOX TRUCK	519	4	
	VACTOR			
	COMPRESSOR			
	BACKHOE			
	BOBCAT			
	RESPIRATOR (1/2 FACE)			
	RESPIRATOR (FULL)			
	RACK TRUCK			
	EXPLOSION METER			

DISPOSAL: BRAINTREE

DESTINATION			
	AMOUNT		MANIFEST #
LIQUID (BULK)	GALS.		
ESTIMATED SOLIDS IN BULK LOAD (IN GALS)	GALS.		
SOLID (BULK)	TNS/YDS		
LIQUID (DRUMS)	# OF DRUMS	AMT GALS.	
SOLID (DRUMS)	# OF DRUMS 1	AMT 200 LBS.	MAF337524
ADDITIONAL INFO:	HYDROLIC OIL SPEEDY		

MATERIAL:

QTY	DESCRIPTION	QTY	DESCRIPTION
1	SPEEDI DRI		COMBO CARTRIDGES
1	17-H DRUM		CHEMICAL CARTRIDGES
	YELLOW TYVEK		
	RAIN GEAR		
	GLOVES		
10	SORBENT PADS		
	SORBENT BOOM EA.		
	SORBENT BOOM BL.		
	5-GAL. BUCKET		
	DUCT TAPE		
	AIR BOTTLE		
	OVERBOOTS		
	CHICKEN BOOTS		
	DEGREASER (5 GAL.)		
	PENETONE (1 GAL.)		

JOB DESCRIPTION:

WE ARRIVED ONSITE PUT DOWN SPEEDY DRY ON OIL TO DRY UP SPILL THEN USED 3M PADS TO ABSORB ON IN WATER; ALSO WIPED DOWN TRUCK W/3M PADS. SPILL CAME FROM HYDROLIC SYSTEM. LINE BROKE ON ZIMBLE TRUCKING CORP. ROLLOFF TRUCK.

JOB COMPLETED [X] YES [ ] NO

ANALYSIS:

QTY	TYPE	DESTINATION

SUBCONTRACTORS:

NAME OF COMPANY	DESCRIPTION

SIGNATURE: Paul Phillion
(CLEAN HARBORS REPRESENTATIVE)

Date: 9-12-91

Customer: TRW
By: Samuel S. Gargiulo (Company Name)
Signature
Samuel S. Gargiulo
Print Name
Chief Operator
Title
Date: 9/12/91

HI 115

CUSTOMER

0908-0576

TRW-05354

TRW

PURCHASE REQUISITION

ORDER NO. 19578

DATE 9/18/91

H2593
1/91-12/91
Clean Harbors

SUGGESTED SUPPLIER Clean Harbors of Kingston

SHIP TO:

TAXABLE ☐ YES ☐ NO

DEPARTMENT	ACCOUNT NO.	VENDOR CODE	TERMS	F.O.B.	VIA	DATE NEEDED
710	H-2593					

PART NO.	DESCRIPTION	QUANTITY	PRICE
	Clean up for Hydrolic oil spill from Zimble Corp. on 9/12/91. See Manifest # F337524 Job # B2529		$1,205. [illegible]

PART NUMBER (S) IF APPLICABLE

CONFIRMED TO: X

DELIVERY:

ISSUED BY Sam Gerpenth

APPROVALS R. Lowry

TRW-05355

0908-0577

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55687
MAF 570791

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867 — Manifest Document No. 100056
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. — 6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA — 10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 570791
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID,n.o.s. (NICKEL CHLORIDE,NICKEL SULFATE) ORM-E NA9188 (MA99)	Ø	Ø	Ø	Ø	MA99
b. STATE REGULATED OIL WASTE	3 21	DM DF	1320	G	MA01
c. STATE REGULATED OIL WASTE	Ø	Ø	Ø	Ø	MA01
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. NICKEL PLATING SOLUTION c. MIXED OILY DEBRIS
b. MIXED OIL/WATER d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 c. S 0 1
b. S 0 1 d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
cont-driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Gurgenti	Samuel S Gurgenti	09/11/91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Robert Pelley	Robert Pelley	09/11/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	09/11/91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F570791 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05356

0908-0578

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF [illegible]

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 00056
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible] FASTENERS DIV.
[illegible] BINNEY STREET
CAMBRIDGE MA [illegible]

4. Generator's Phone ([illegible]) [illegible]

5. Transporter 1 Company Name [illegible] (NORTH EAST) [illegible] INC.
6. US EPA ID Number [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST) INC.
[illegible] CANAL STREET
LAWRENCE MA
10. US EPA ID Number MAD[illegible]

A. State Manifest Document Number MA F 570791
B. State Gen. ID SAME
C. State Trans. ID [illegible]
D. Transporter's Phone ([illegible])
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID, N.O.S. (NICKEL CHLORIDE, NICKEL SULFATE) ORM-E NA9188 (MA99)	[illegible]	[illegible]	[illegible]	[illegible]	MA99
b. STATE REGULATED OIL WASTE	[illegible]	[illegible]	[illegible]	[illegible]	MA01
c. STATE REGULATED OIL WASTE	[illegible]	[illegible]	[illegible]	[illegible]	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. NICKEL PLATING SOLUTION
c. MIXED OILY DEBRIS
b. MIXED OIL/WATER
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
c. S 0 1
b. S 0 1
d.

15. Special Handling Instructions and Additional Information
[illegible] (cont.) [illegible] (cont.) [illegible] (cont.) [illegible] (cont.)

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month	Day	Year
Samuel S Giorgenti	[signature]	09	11	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

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MA F570791 COPY>8: GENERATOR RETAINS

COPY>8: GENERATOR RETAINS

TRW-05357

0908-0579

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

55687

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A

Manifest Number: MAE570791

EPA Hazardous Waste Number(s): MA01MA99

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S Gingerich DATE: Sept - 11, 1991

PRINT NAME: Samuel S Gingerich TITLE: Chief Operator

0908-0580

TRW-05358

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE570791

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
[redacted]									
[redacted]					~~WW~~			~~37-134~~	

TRW-05359

0908-0581

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55687
MAF 570791

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 00056
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 570791
B. State Gen. ID: SAME
C. State Trans. ID: MA972-209
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID, n.o.s. (NICKEL CHLORIDE, NICKEL SULFATE) ORM-E NA9188 (MA99)	Ø	Ø	Ø	Ø	MA99
b. STATE REGULATED OIL WASTE	3 21	DM DF	1320	G	MA01
c. STATE REGULATED OIL WASTE	Ø	Ø	Ø	Ø	MA01
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. NICKEL PLATING SOLUTION
b. MIXED OIL/WATER
c. MIXED OILY DEBRIS
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gingenti — Signature: [signature] — Date: Month 09 Day 11 Year 94

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley — Signature: [signature] — Date: Month 09 Day 11 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>6: GENERATOR MAILS TO DESTINATION STATE

0908-0582

TRW-05360

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

55520
MAF 570485

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 100055
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 570485
B. State Gen. ID: SAME
C. State Trans. ID: MA-972-710
D. Transporter's Phone: 508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a STATE REGULATED OIL WASTE	40	DM DF	2200	G	MA01
b STATE REGULATED OIL WASTE	2	DM	778	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Cont Dave

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	09 10 5 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Michael Belmont	Michael Belmont	09 10 5 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Linda A. Conway	Linda A Conway	10 9 05 91

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F570485 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05361

0908-0583

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAP

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible]
Manifest Document No.: 00055
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
[illegible] BINNEY STREET
CAMBRIDGE MA [illegible]
4. Generator's Phone ([illegible]) [illegible]

A. State Manifest Document Number: MA F570485
B. State Gen. ID: NONE
C. State Trans. ID: MA-972-710
D. Transporter's Phone: (508) 583-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 583-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST) INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
400 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	40	DM DF	2200	G	MA01
b. STATE REGULATED OIL WASTE	2	DM	778	P	MA01
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. MIXED OILY DEBRIS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
(a (cont.) (b (cont.) (c (cont.) (d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Bruce Ricketts	Bruce Ricketts	09 05 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Michael Belmont	Michael Belmont	09 05 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F570485 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05362

0908-0584

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

55520

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A B

Manifest Number: MAE570485

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES ____ NO X ____ X ____ On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Bruce Ricketts DATE: 9-5-91 TRW-05363

PRINT NAME: Bruce Ricketts TITLE: ____

0908-0585

Generator Name/Location: TRW FASTENERS DIV. 195 RINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAC870485

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
B	1	MA01							

TRW-05364

0908-0586

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

Legend #	Constituent Name	F001-F005 spent solvent: Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

Legend #	Constituent Name	F020-F023 and F026-F028 dioxin Containing Waste: Concentration
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

'STOMER COPY

LAIDLAW ENVIRONMENTAL SERVICES

NORTH CAROLINA HAZARDOUS WASTE MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)* *Form Approved. OMB No. 2050-0039.*

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294807 — Manifest Document No.: L5154
2. Page 1 of 1

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
TRW FASTENERS
195 BINNEY STREET
CAMBRIDGE, MA 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: NC 43677
B. State Generator's ID: SAME
C. State Transporter's ID: 10419 MASS
D. Transporter's Phone: (508) 458-2500
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: (919) 342-6106

5. Transporter 1 Company Name: SUFFOLK SERVICES
6. US EPA ID Number: MAD981213903

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (TS), INC.
ROUTE 11, BOX 3
REIDSVILLE, NC 27320

10. US EPA ID Number: MCD000648451

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL NONE NONE	001	CM	10000	P	7777
b.					
c.					
d.					

J. Additional Description for Materials Listed Above
11a) [illegible]
FLOOR[illegible]

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
PO# 43677
IN CASE OF EMERGENCY CONTACT:
LAIDLAW ENVIRONMENTAL SERVICES
(508) 683-1002

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

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Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S. Girgenti — Month Day Year: 10 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alan Doucette — Signature: Alan Doucette — Month Day Year: 10 29 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Steven P. Grover — Signature: [signature] — Month Day Year: 10 31 91

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) PREVIOUS EDITIONS ARE OBSOLETE

GENERATOR'S CONFIRMATION CO

TRW-05365

0908-0588

LAIDLAW ENVIRONMENTAL SERVICES

NORTH CAROLINA HAZARDOUS WASTE MANIFEST

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)* *Form Approved. OMB No. 2050-0039.*

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294807 Manifest Document No. 5154

2. Page 1 of 1

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
TRW FASTENERS
195 BINNEY STREET
CAMBRIDGE, MA 02142

4. Generator's Phone (617) 494-5808

5. Transporter 1 Company Name: SUFFOLK SERVICES

6. US EPA ID Number: MAD981213903

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (TS), INC.
ROUTE 11, BOX 3
REIDSVILLE, NC 27320

10. US EPA ID Number: MCD000648457

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-REGULATED MATERIAL NONE NONE	001	CM	10000	P
b.				
c.				
d.				

[redacted]

15. Special Handling Instructions and Additional Information
PO# 43677
IN CASE OF EMERGENCY CONTACT:
LAIDLAW ENVIRONMENTAL SERVICES
(508) 683-1002

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

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GENERATOR

Printed/Typed Name: Samuel S Gargenti
Signature: Samuel S Gargenti
Month Day Year: 11 02 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ALAN DOUCETTE
Signature: Alan Doucette
Month Day Year: 11 02 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 9-88) PREVIOUS EDITIONS ARE OBSOLETE

GENERATOR'S COPY

TRW-05366

0908-0589

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: TRW FASTENERS / 195 BINNEY ST. CAMBRIDGE MA 02142

EPA I.D. Number: MAD 019 294 807

Waste Profile or ARF Designation: RVTTG 1.01

Manifest Number: NC 43677

EPA Hazardous Waste Number(s): 7777

Waste Analysis Attached? YES _____ NO _____ X On file at facility.

X Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

___ Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

___ Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

SIGNATURE: Samuel S Gargenti DATE: 10/29/91

PRINT NAME: Samuel S Gargenti TITLE: Chief Operator

TRW-05367

0908-0590

Generator Name/Location: _____ Sheet 1 of _____ Sheets

EPA ID Number: _____ Manifest Number: _____

Waste Profile or ARF	Category #	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Ref.	Specific Treatment Technology	Legend #	Other

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

	F001-F005 spent solvent	Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexzanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benezene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	.96
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobuty ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachlorethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,2,2-richloro-1,2,2-trifluroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Thrichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

Legend #	F010-F023 and F026-F028 dioxin Containing Waste Constituent Name	Concentration
27	HxCCD-kAll Hexachlorodibenzo-p-dioxins	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	1 ppb
29	PeCdd-All Pentachlorodibenzo-p-dioxins	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	1 ppb
33	2,4,5-Trichlorophenol	0.05 ppm
34	2,4,6-Trichlorophenol	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	0.10 ppm
36	Pentachlorophenol	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0591

TRW-05368

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 — Manifest Document No. 2091

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW CORP, 195 BINNEY ST CAMBRIDGE, MA, 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F345721

B. State Gen. ID: SAME

C. State Trans. ID: 17436 MA

D. Transporter's Phone (617) 344-0265

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 344-0265

5. Transporter 1 Company Name: CYN OIL CORPORATION — 6. US EPA ID Number: MAD082303777

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: CYN OIL CORPORATION, 1771 WASHINGTON STREET, STOUGHTON, MA 02072 — 10. US EPA ID Number: MAD082303777

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT	-3455	G	MAD
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include proper state and hazard code.)
STATE REGULATED
a. OIL + WATER
b.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24 hr. Emergency 617-344-0265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date (Month Day Year)
Samuel S Girgenti	Samuel S Girgenti	10 25 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Richard HALLETT	Richard Hallett	10 25 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

2

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Gale F. Jarvis	Gale Jarvis	10 25 91

OMB No. 2050-0039, Expires 9-30-91
8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F345721 COPY>3: FACILITY MAILS TO GENERATOR

TRW-05369

0908-0592

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. | Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document Number: MA F345721

B. State Gen. ID

5. Transporter 1 Company Name: **CYN OIL CORPORATION**

6. US EPA ID Number: MAD082303777

C. State Trans. ID: MA

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone (617) 344-0265

E. State Trans. ID

9. Designated Facility Name and Site Address
CYN OIL CORPORATION
1771 WASHINGTON STREET
STOUGHTON, MA 02072

10. US EPA ID Number: MAD082303777

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 344-0265

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT		G	MA0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a.

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name | Signature | Date: Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F345721 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05370

0908-0593

DAILY WORK SHEET

JOB NO. 2091
DAY & DATE Fri 10-25-91
CONTACT PERSON SAM
PHONE NO. 617-494-5808

Cyn Environmental Services
Stoughton, Mass.
1-800-242-5818 (Mass.)
617 344-0265

P.O. NO.
T & M
CONTRACT

CLIENT TRW - LAIDLAW
BILLING ADDRESS 221 SUTTON ST
N. ANDOVER, MA 01845

JOB ADDRESS TRW
195 BINNEY ST
CAMBRIDGE, MA.

LABOR

NAME	TITLE	Time ARRIVE	Time DEPART	REG.	OT	DT
R. HALLETT		10:20 A	1			
LAB + UNLOAD 8hr.				5		

EQUIPMENT

QTY.	TYPE	FLEET #	HRS.	RATE
1	TRACTOR + VAC	TK 6 VA 2	5	

MATERIAL

QTY.	DESCRIPTION

DISPOSAL

X	LIQUID	3455 GAL
X	MANIFEST NO.	MAF 345721
	SOLID	
	MANIFEST NO.	

JOB DESCRIPTION

pump 63 DRUM OF
oily WATER

OTHER

TRANSPORTATION

SUBCONTRACTOR

JOB COMPLETED ☐ YES ☐ NO

REMARKS

CUSTOMER REPRESENTATIVE Sam Giugente
CYN ENVIRONMENTAL REPRESENTATIVE R Hallett
DATE 10-25-91

CES 1090-2

TRW-05371

0908-0594

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

57090
MAF 570202

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.: 60
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 570202
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone: 508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	14	DM	6909	P	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
cont. driver R. Arsenault

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
x Samuel S. Gugenti	x Samuel S. Gugenti	10 24 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Donald W Bozeman	Donald W Bozeman	10 24 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	10 24 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 570202 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05372

0908-0595

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 60
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]
[illegible] STREET
CAMBRIDGE MA [illegible]

4. Generator's Phone ( ) [illegible]

5. Transporter 1 Company Name [illegible] NORTH EAST [illegible] INC. 6. US EPA ID Number [illegible]

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address
[illegible] ENVIRONMENTAL [illegible] NORTH EAST [illegible] INC.
[illegible] CANAL STREET
LAWRENCE MA 10. US EPA ID Number MAD[illegible]

A. State Manifest Document Number MA F 570202
B. State Gen. ID SAME
C. State Trans. ID MA [illegible]
D. Transporter's Phone (508) 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	[illegible]	[illegible]	6909	P	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OILY DEBRIS c.
b. d.

K. Handling Codes for Wastes Listed Above
a. S 0 1 c.
b. d.

15. Special Handling Instructions and Additional Information
[illegible] (cont.) [illegible] (cont.) [illegible] (cont.) [illegible] (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT [illegible] (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Samuel S Gargenti	Samuel S Gargenti	10 24 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 570202 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05373

0908-0596

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted! # 57090

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: B

Manifest Number: MAF570202

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES _____ NO X _____ X _____ On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05374

SIGNATURE: Samuel S Gingenti DATE: 10/24/91

PRINT NAME: Samuel S Gingenti TITLE: Chief Operator

0908-0597

Generator Name/Location: TRW FASTENERS [illegible] 195 BINNEY STREET [illegible] CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF570203

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
B	1	MA01							

TRW-05375

0908-0598

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

SDO

STOMER COPY

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. 02047

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW- Corporation 195 Binney St.

4. Generator's Phone (617 494-5808 Cambridge MA 02142

A. State Manifest Document Number: MA F346297

B. State Gen. ID: SAME

5. Transporter 1 Company Name: CYN OIL CORPORATION

6. US EPA ID Number: MAD082303777

C. State Trans. ID: 331 440 MA

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone (617) 344-0265

E. State Trans. ID:

9. Designated Facility Name and Site Address: CYN OIL CORPORATION 1771 WASHINGTON STREET STOUGHTON, MA 02072

10. US EPA ID Number: MAD082303777

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT	1800 ~~X3000~~	G	MA0[illegible]
b. HAZARDOUS WASTE LIQUID N.O.S. (F002) COMBUSTIBLE LIQUID, NA 9189	001	TT	1200	G	F002
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
State Regulated oil & water

K. Handling Codes for Wastes Listed Above

b.

15. Special Handling Instructions and Additional Information
24hr Emergency NO. 617-344-0265

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Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 10 Day 21 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Carlos Marcal — Signature: Carlos Marcal — Date: Month 10 Day 21 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space: REJECT ITEM 11b to GENERAL CHEMICAL 138 LELAND ST. FRAMINGHAM, MA. 508-872-5000 MAD019371097

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month 10 Day 22 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F346297 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05376

0908-0599

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019144607 — Manifest Document No. 03047

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW-Corporation, 175 Binney St.

4. Generator's Phone (617) 494-5208 Cambridge MA 02142

A. State Manifest Document Number: MA F346297

B. State Gen. ID: SAME

5. Transporter 1 Company Name: CYN OIL CORPORATION — 6. US EPA ID Number: MAD082303777

C. State Trans. ID: 331 4461 MA

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone (617) 344-0265

E. State Trans. ID

9. Designated Facility Name and Site Address: CYN OIL CORPORATION, 1771 WASHINGTON STREET, STOUGHTON, MA 02072 — 10. US EPA ID Number: MAD082303777

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT	1800 ~~X3000~~	G	MA0
b. HAZARDOUS WASTE LIQUID N.O.S. (F002) COMBUSTIBLE LIQUID, NA 9189	001	TT	X12000	G	
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Spill cleanup & debris
b.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
d.

15. Special Handling Instructions and Additional Information

24hr Emergency No 617-344-0265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Simon S Gingerich — Signature: [signature] — Date: Month 10 Day 24 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Carlos Marcal — Signature: [signature] — Date: Month 10 Day 24 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F346297 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05377

0908-0600

[illegible] STREET • STOUGHTON, MA [illegible]
[illegible] (Mass) • FAX [illegible]

MA F346297 COPY>1: FACILITY MAILS TO DESTINATION STATE

[illegible] OF MASSACHUSETTS
[illegible] PROTECTION
[illegible]
One Winter Street
Boston, Massachusetts 02108

[illegible]

No.	Type	Quantity
001	T	[illegible]
001	[illegible]	[illegible]

[illegible] NOS (F002)
[illegible] 89

[illegible] and Additional Information

24 hr Emergency NO. 617 344-0265

[illegible] fully and accurately described above by [illegible] for transport by highway [illegible]

Printed/Typed Name	Signature	Date Month Day Year
Samuel S Giraratti	Samuel S Giraratti	10 21 91

Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Carlos Marcal	Carlos Marcal	[illegible] 91

Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19 Discrepancy Indication Space

TRW-05379

20 Facility Owner or Operator Certification [illegible] hardcopy materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

0908-0602

Form [illegible] Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

COPY>1: FACILITY MAILS TO DESTINATION STATE

TOTAL P.02

DAILY WORK SHEET

JOB NO. 2047
DAY & DATE MON 10-21-91
CONTACT PERSON Bob Swenson
PHONE NO. 508-683-1002

Cyn Environmental Services
Stoughton, Mass.

1-800-242-5818 (Mass.)
617 344-0265

TRANS - 43586
P.O. NO. DISP - 43585
T & M
CONTRACT

CLIENT Laidlaw Environmental services
BILLING ADDRESS 221 Sutton St
North Andover MA 01845

JOB ADDRESS T.R.W - Corporation
195 Binney St
Cambridge MA 02142

LABOR

NAME	TITLE	Time ARRIVE	Time DEPART	REG.	OT	DT
Carlos Marcal	O	8:00	11:30	7		

EQUIPMENT

QTY.	TYPE	FLEET #	HRS.	RATE
1	VAC Rig St Job	6	7	

MATERIAL

QTY.	DESCRIPTION

DISPOSAL

	LIQUID 3000 gallons oil & water
	MANIFEST NO. MAF 346297
	SOLID
	MANIFEST NO.

JOB DESCRIPTION

Pump out (1) Pit of oil-water soluble and pump out 38 drums.

OTHER

TRANSPORTATION

SUBCONTRACTOR

JOB COMPLETED ☒ YES ☐ NO

REMARKS

CUSTOMER REPRESENTATIVE Tom Gurgenti

CYN ENVIRONMENTAL REPRESENTATIVE Carlos Marcal

DATE 10-21-91

CES 1090-2

TRW-05380

0908-0603

10/21/91 PUMPOUT

3,000 - gallons

3,000 gallons = 55 drums

55 drums x $142. = $7,810.

3,000 gallons x $1.15 per gal = $3,450.

SAVINGS $4,360.

TRW-05381

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. 1996

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address TRW CORP
195 BINNEY ST
Cambridge MA 02142

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number MA F326897

B. State Gen. ID SAME

5. Transporter 1 Company Name CYN OIL CORPORATION 5

6. US EPA ID Number MAD082303777

C. State Trans. ID B34-4105 MA

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone (617) 344-0265

E. State Trans. ID

9. Designated Facility Name and Site Address
CYN OIL CORPORATION
1771 WASHINGTON STREET
STOUGHTON, MASSACHUSETTS 02072

10. US EPA ID Number MAD082303777

F. Transporter's Phone ( )

G. State Facility's ID Not Required

H. Facility's Phone (617) 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT	X1900	G	MA[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include [illegible] and hazard code.)
a. Oily [illegible]
b. d.

K. Handling Codes for Wastes Listed Above
a. 502 c. 150
b. d.

15. Special Handling Instructions and Additional Information

1-800-242-5818 24 Lrs

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Date: Month 10 Day 10 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ricky Henriques
Signature: Ricky Henriques
Date: Month 10 Day 10 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] F. Jarvis
Signature: [illegible]
Date: Month 10 Day 10 Year 91

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F326897 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05382

0908-0605

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Pump out of 35 drums

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD019294867 Manifest Document No. 1996
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW CORP, 195 BINNEY ST, Cambridge MA 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F326897
B. State Gen. ID: SAME

5. Transporter 1 Company Name: CYN OIL CORPORATION
6. US EPA ID Number: MAD082303777
C. State Trans. ID: B34-410 MA
D. Transporter's Phone (617) 344-0265

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Trans. ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: CYN OIL CORPORATION, 1771 WASHINGTON STREET, STOUGHTON, MASSACHUSETTS 02072
10. US EPA ID Number: MAD082303777
G. State Facility's ID: Not Required
H. Facility's Phone (617) 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT	X1900	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Oily H2O
b.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
1-800-242-5818 24 Lrs

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Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 10 Day 10 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ricky Henriques — Signature: Ricky Henriques — Date: Month 10 Day 10 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F326897 COPY>1: FACILITY MAILS TO DESTINATION STATE

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>1: FACILITY MAILS TO DESTINATION STATE

0908-0606

TRW-05383

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address TRW [illegible]
[illegible]
4. Generator's Phone ([illegible]

A. State Manifest Document Number MA F326897
B. State Gen. ID SAME
C. State Trans. ID [illegible] MA 617 344-0265
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID Not Required
H. Facility's Phone (617 344-0265

5. Transporter 1 Company Name CYN OIL CORPORATION
6. US EPA ID Number MAD082303777
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
CYN OIL CORPORATION
1771 WASHINGTON STREET
STOUGHTON, MASSACHUSETTS 02072
10. US EPA ID Number MAD082303777

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OILS N.O.S. COMBUSTIBLE LIQUID NA 1270	001	TT	X 1100	G	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and [illegible])
a. [illegible]
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
1-800 [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name [illegible] Signature [illegible] Date Month Day Year [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] Signature [illegible] Date Month Day Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature Date Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F326897 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05384

0908-0607

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

56436
MAF 572684

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019294867
Manifest Document No. 05154
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 572684
B. State Gen. ID: SAME

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
C. State Trans. ID: MA972-709
D. Transporter's Phone: 508)683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508)683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID,n.o.s. (NICKEL CHLORIDE,NICKEL SULFATE) ORM-E NA9188 (MA99)	17 (BP) ~~2812~~	DF DM	(BP) 11,600 ~~11,200~~	P	MA99
b. RQ HAZARDOUS SUBSTANCE SOLID,n.o.s. (NICKEL SULFATE, NICKEL CHLORIDE) ORM-E NA9188 (MA99)	(BP) 5 ~~1~~	DM	(BP) 2,000 ~~800~~	P	MA99
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. NICKEL PLATING SOLUTION
b. NICKEL SALTS,ANODE BAGS FILTERS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Cont driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Giugenti
Signature: Samuel S Giugenti
Date: Month 10 Day 08 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley
Signature: Robert Pelley
Date: Month 10 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle Calisto
Signature: Michelle Calisto
Date: Month 10 Day 08 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 572684 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05385

0908-0608

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

56436
MAF 572684

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 — Manifest Document No.: 05154
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 572684
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone: 508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: 508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS SUBSTANCE LIQUID, n.o.s. (NICKEL CHLORIDE, NICKEL SULFATE) ORM-E NA9188 (MA99)	17 / 12	DF / DM	11,600 / ~~11,200~~	P	MA99
b. RQ HAZARDOUS SUBSTANCE SOLID, n.o.s. (NICKEL SULFATE, NICKEL CHLORIDE) ORM-E NA9188 (MA99)	5 / 2	DM	2,000 / ~~800~~	P	MA99
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. NICKEL PLATING SOLUTION
b. NICKEL SALTS, ANODE BAGS FILTERS
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gingenti — Signature: Samuel S Gingenti — Date: Month 10 Day 08 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley — Signature: Robert Pelley — Date: Month 10 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 572684 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05386

0908-0609

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

56436

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: G R

Manifest Number: MAF572684

EPA Hazardous Waste Number(s): MA99

Waste Analysis Attached? YES _____ NO X X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05387

SIGNATURE: Samuel J. Gingerti DATE: 10/8/91

PRINT NAME: Samuel S Gingerti TITLE: Chief Operator

0908-0610

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF572684

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
G	1	MA99							
R	1	MA99						37=134	

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0611

TRW-05388

FACILITY COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

56450
MAF 572688

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 572688
B. State Gen. ID: SAME
C. State Trans. ID: MA 912706
D. Transporter's Phone 508)683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone 508)683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE A	44	DF DM	242000	G	MA01
b. ~~STATE REGULATED OIL WASTE~~					~~MA01~~
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. ~~MIXED OIL DEBRIS~~
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
Ia (cont.) Ib (cont.) Ic (cont.) Id (cont.)
Cont. driver R. Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S. Girgenti
Date: Month 10 Day 04 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: George Reyes
Signature: George Reyes
Date: Month 10 Day 04 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 10 Day 04 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572688 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05389

0908-0612

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

56450
MAF 572688

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD0[illegible]
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA [illegible]
4. Generator's Phone ([illegible])

A. State Manifest Document Number: MA F 572688
B. State Gen. ID: SAME
C. State Trans. ID: MA 912706
D. Transporter's Phone: (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE A	44	DF DM	2420 ~~2420~~	4 G	MA01
b. ~~STATE REGULATED OIL WASTE~~ ~~B~~					~~MA01~~
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. MIXED OIL/WATER
b. ~~MIXED OIL/DEBRIS~~
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c.
d.

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IM EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date Month Day Year
Samuel S Girgenti	Samuel S Girgenti	10 04 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
George Rosa	George Rosa	10 04 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572688 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05390

0908-0613

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

56450

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A

Manifest Number: MAE572688

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6..

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05391

SIGNATURE: Samuel S Giugenti DATE: 10/4/91

PRINT NAME: Samuel S Giugenti TITLE: Chief Operator

0908-0614

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF572688

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
~~A~~	~~1~~	~~MA01~~							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

	F001-F005 spent solvent	Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

0908-0615

TRW-05392

CUSTOMER COPY

0908-0616

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108 # Job 2309 LAIDLAW

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00062
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW Corporation, 195 Binney ST Cambridge, MA 02142
4. Generator's Phone ( )
5. Transporter 1 Company Name: Cyn Oil Corp
6. US EPA ID Number: MAD082303777
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Cyn Oil Corp, 1771 Washington St., Stoughton, MA. 02072
10. US EPA ID Number: MAD082303777

A. State Manifest Document Number: MA F364581
B. State Gen. ID: SAME
C. State Trans. ID: MA 49959
D. Transporter's Phone: 617 344-0265
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 617 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE Petroleum Oil N.O.S Combustible Liquid N.A. 1270	001	TT	04500	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. WASTE Machine & Lube Oil + Water
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. [illegible]
b.
c.
d.

15. Special Handling Instructions and Additional Information
In Case of Emergency Call 617-344 0265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 11 Day 25 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JACK Fisher — Signature: Jack Fisher — Date: Month 11 Day 25 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gale F. Jarvis — Signature: [illegible] — Date: Month 11 Day 25 Year 91

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F364581 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05393

0908-0617

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Job # 2309 LAIDLAW

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 00062

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW Corporation, 195 Binney ST Cambridge, MA 02142

4. Generator's Phone ( )

A. State Manifest Document Number: MA F364581

B. State Gen. ID: SAME

5. Transporter 1 Company Name: Cyn Oil Corp — 6. US EPA ID Number: MAD082303777

C. State Trans. ID: MA 49959

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone: 617 344-0265

E. State Trans. ID

9. Designated Facility Name and Site Address: Cyn Oil Corp, 1771 Washington ST, Stoughton, MA 02072 — 10. US EPA ID Number: MAD082303777

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone: 617 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OIL N.O.S Combustible Liquid N.A. 1270	001	TT	04500	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. WASTE Machine & Lube OIL + WATER
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information

In Case of Emergency Call 617-344-0265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: Samuel S Gingenti — Signature: Samuel S Gingenti — Date: Month 1 Day 1 Year 91

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: JACK Fisher — Signature: Jack Fisher — Date: Month 1 Day 1 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY — 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name — Signature — Date: Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F364581 COPY>1: FACILITY MAILS TO DESTINATION STATE

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>1: FACILITY MAILS TO DESTINATION STATE

0908-0618

TRW-05394

DAILY WORK SHEET

JOB NO. Job ~~2303~~ 2309
DAY & DATE MON 11-25-91
CONTACT PERSON
PHONE NO.

Cyn Environmental Services
Stoughton, Mass.

1-800-242-5818 (Mass.)
617 344-0265

P.O. NO.
T & M
CONTRACT

CLIENT Laidlaw
BILLING ADDRESS 221 Sutton St.
N. Andover, ~~St.~~ MA.

JOB ADDRESS TRW Corp
195 Binney ST
Cambridge, MA.

LABOR

NAME	TITLE	Time ARRIVE	Time DEPART	REG.	OT	DT
Jack Fisher	op	8 AM	11:AM	7		

EQUIPMENT

QTY.	TYPE	FLEET #	HRS.	RATE
1	tractor	204	7	
1	Vac trl.	01	7	

MATERIAL

QTY.	DESCRIPTION

DISPOSAL

	LIQUID 4500 gals oil + water
	MANIFEST NO. MAF 364581
	SOLID
	MANIFEST NO.

JOB DESCRIPTION

pump floor pit and 55 X 55 drums and deliver to Cyn for disposal

OTHER

TRANSPORTATION
SUBCONTRACTOR

JOB COMPLETED ☒ YES ☐ NO

REMARKS

CUSTOMER REPRESENTATIVE Samuel S. Gugente
CYN ENVIRONMENTAL REPRESENTATIVE J.E.F.
DATE 11-25-91

CES 1090-2 00062

TRW-05395

0908-0619

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108 # Job 2309 LAIDLAW

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD011929486 | Manifest Document No.: 00961
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW Corporation, 195 Binney St Cambridge, MA 02142
4. Generator's Phone ( )

A. State Manifest Document Number: MA F364581
B. State Gen. ID: SAME
C. State Trans. ID: MA 49759
D. Transporter's Phone: 617 344-0265
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 617 344-0265

5. Transporter 1 Company Name: Cyn Oil Corp
6. US EPA ID Number: MAD082303777
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Cyn Oil Corp, 1771 Washington St., Stoughton, MA 02072
10. US EPA ID Number: MAD082303777

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Petroleum Oil N.O.S Combustible Liquid N.A. 1270	001	TT	04500	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Waste machine/lube oil + water
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information: In Case of Emergency Call 617-344-0265

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] | Signature: [illegible] | Date: Month 11 Day 25 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JACK Fisher | Signature: Jack Fisher | Date: Month 11 Day 25 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: | Signature: | Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F364581 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05396

0908-0620

DAILY WORK SHEET

JOB NO. Job ~~[illegible]~~ 2309
DAY & DATE MON 11-25-91
CONTACT PERSON
PHONE NO.

Cyn Environmental Services
Stoughton, Mass.

1-800-242-5818 (Mass.)
617 344-0265

P.O. NO.
T & M
CONTRACT

CLIENT Laidlaw
BILLING ADDRESS 221 Sutton St.
N. Andover, ~~St.~~ MA.

JOB ADDRESS TRW Corp
195 Binney ST
Cambridge, MA.

LABOR

NAME	TITLE	Time ARRIVE	Time DEPART	REG.	OT	DT
Jack Fisher	op	8 AM	11 AM	7		

EQUIPMENT

QTY.	TYPE	FLEET #	HRS.	RATE
1	Tractor	204	7	
1	Vac Trl.	01	7	

MATERIAL

QTY.	DESCRIPTION

DISPOSAL

	LIQUID 4500 gals oil + water
	MANIFEST NO. MAF 364581
	SOLID
	MANIFEST NO.

JOB DESCRIPTION

pump floor pit and 55 X 55 drums and deliver to Cyn for disposal

OTHER

TRANSPORTATION
SUBCONTRACTOR

JOB COMPLETED ☒ YES ☐ NO

REMARKS

CUSTOMER REPRESENTATIVE Samuel S. Gregorio
CYN ENVIRONMENTAL REPRESENTATIVE J.E.F.
DATE 11-25-91

CES 1090-2 00062

TRW-05397

0908-0621

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

(22)

MAF 571476

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET,
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 571476
B. State Gen. ID: SAME
C. State Trans. ID: MA972-709
D. Transporter's Phone (508) 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST).INC.
6. US EPA ID Number: MAD00060444
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST).INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD00060444

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE ORM-A. n.o.s. (CHLORINATED HYDROCARBONS) ORM-A NA1693	1	DM	55	G	F002
b. STATE REGULATED OIL WASTE	3 9	DM DF	660	G	MA01
c. STATE REGULATED OIL WASTE	8	DM	3605	P	MA01
d. RQ waste Corrosive Liquid N.O.S. Nitric Acid 2 oz Phosphate Corrosive Material UN1760	1	DM	611	P	D002

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. WASH WATER WITH DESOL 2
b. MIXED OIL/WATER
c. MIXED OILY DEBRIS
d. Phosphate Sludge

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
1a (cont.) 1b (cont.) 1c (cont.) 1d (cont.)
Cont. driver R. Aisenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gurgenti
Signature: Samuel S Gurgenti
Date: Month 11 Day 15 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Pelley
Signature: Robert Pelley
Date: Month 11 Day 15 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Michelle Calistro
Signature: Michelle Calistro
Date: Month 11 Day 15 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571476 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05398

0908-0622

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
4. Generator's Phone ( )
5. Transporter 1 Company Name | 6. US EPA ID Number
7. Transporter 2 Company Name | 8. US EPA ID Number
9. Designated Facility Name and Site Address | 10. US EPA ID Number

A. State Manifest Document Number: MA F 571476
B. State Gen. ID
C. State Trans. ID: MA972-709
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	1	DM	55	G	
b.	3 9	DM DF	[illegible]	G	
c.	8	DM	[illegible]	P	
d. RQ WASTE CORROSIVE LIQUID N.O.S. CORROSIVE MATERIAL UN1760	1	DM	611	P	

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a.
b.
c.
d. Phosphate Sludge

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d. S01

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name | Signature | Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 571476 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05399

0908-0623

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

57766

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BIDDEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A B C2 L

Manifest Number: MAE571476

EPA Hazardous Waste Number(s): MA01F002 D002

Waste Analysis Attached? YES _____ NO X _____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

TRW-05400

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

0908-0624

SIGNATURE: Samuel S Simpson DATE: 11/15/91

PRINT NAME: Samuel S Simpson TITLE: Chief Operator

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAU019294867 Manifest Number: MAF571476

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
B	1	MA01							
C2	2	F002			NWW			22=0.41	14=.96
L	2	D002		ACID (PH<2)	NWW	268-42(A)	DEACT		

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

TRW-05401

0908-0625

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

2167

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 02167
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW - Corporation. 195 Binney St. Cambridge, MA. 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F327462
B. State Gen. ID: SAME

5. Transporter 1 Company Name: Cyn Environmental Ser
6. US EPA ID Number: MAD082303777
C. State Trans. ID: MA 49959

7. Transporter 2 Company Name:
8. US EPA ID Number:
D. Transporter's Phone (617) 344-0265
E. State Trans. ID:

9. Designated Facility Name and Site Address: Cyn Environmental Ser, 1771 Washington St., Stoughton, MA. 02072
10. US EPA ID Number: MAD082303777
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE petroleum oil N.O.S. combustible Liquid NA1270	001	TT	03600	G	MA07
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.): State regulated oil + H2O
a. c.
b. d.

K. Handling Codes for Wastes Listed Above: a. S 0 2 c. T 5 0
b. d.

15. Special Handling Instructions and Additional Information: In Case of Emerg. CALL 617-3440265 24 hrs.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel S. Girgenti — Signature: Samuel S Girgenti — Date: Month 11 Day 08 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JACK Fisher — Signature: Jack Fisher — Date: Month 11 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Richard S. Hume — Signature: Richard S Hume — Date: Month 11 Day 08 Year 91

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F327462 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

0908-0626

TRW-05402

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 2167
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW Corporation, 195 Binney St. Cambridge, MA, 02142
4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F327462
B. State Gen. ID: SAME
C. State Trans. ID: MA 49959
D. Transporter's Phone: 617 344-0265
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: 617 344-0265

5. Transporter 1 Company Name: Cyn Environmental Ser
6. US EPA ID Number: MAD082303777
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Cyn Environmental Ser, 1771 Washington St., Stoughton, MA. 02072
10. US EPA ID Number: MAD082303777

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE petroleum oil N.O.S. combustible Liquid NA1270	001	TT	03600	G	MA07
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.): STATE regulated oil + H2O
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information: In Case of Emerg. CALL 617-3440265 24 hrs.

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Printed/Typed Name: Samuel S. Girgenti — Signature: Samuel S Girgenti — Date: Month 11 Day 08 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JACK Fisher — Signature: Jack Fisher — Date: Month 11 Day 08 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 1: FACILITY MAILS TO DESTINATION STATE

0908-0627

TRW-05403

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. [illegible] Manifest Document No. [illegible]

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW Corporation
[illegible] Cambridge MA 02142

4. Generator's Phone ([illegible])

5. Transporter 1 Company Name
[illegible]

6. US EPA ID Number [illegible]

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
[illegible]

10. US EPA ID Number [illegible]

A. State Manifest Document Number
MA F327462

B. State Gen. ID
SAME

C. State Trans. ID
MA [illegible]

D. Transporter's Phone ([illegible]) 344-0265

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID Not Required

H. Facility's Phone ([illegible]) 344-0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE petroleum oil N.O.S. combustible liquid NA1270	[illegible]	[illegible]	[illegible]		MA0[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
STATE REGULATED [illegible]
a.
b.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
In Case of Emerg. Call [illegible]

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Printed/Typed Name | Signature | Date Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F327462 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05404

0908-0628

DAILY WORK SHEET

JOB NO. ~~2165~~ 2167
DAY & DATE Fri 11-8-91
CONTACT PERSON
PHONE NO.

Cyn Environmental Services
Stoughton, Mass.

1-800-242-5818 (Mass.)
617 344-0265

P.O. NO.
T & M
CONTRACT

CLIENT Laidlaw Environmental Ser.
BILLING ADDRESS 221 Sutton St.
North Andover, MA. 01845

JOB ADDRESS TRW Corp.
195 Binney ST.
Cambridge, MA.

LABOR

NAME	TITLE	Time ARRIVE	Time DEPART	REG.	OT	DT
Jack Fisher	0	8:15	11:00	5 1/2	1/2	

EQUIPMENT

QTY.	TYPE	FLEET #	HRS.	RATE
1	trac	9	5 1/2	
1	Vac trl.	1	5 1/2	

MATERIAL

QTY.	DESCRIPTION

DISPOSAL

	LIQUID 3600 gals oil + water
	MANIFEST NO. MA F327462
	SOLID
	MANIFEST NO.

JOB DESCRIPTION

pump out floor drain + pit; and also pump out 39 X 55 gal drums and deliver to Cyn in Stoughton for disposal

OTHER

TRANSPORTATION

SUBCONTRACTOR

JOB COMPLETED ☒ YES ☐ NO

REMARKS

CUSTOMER REPRESENTATIVE Samuel S. Gregorio

CYN ENVIRONMENTAL REPRESENTATIVE J.E.F.

DATE 11-8-91

0908-0629

TRW-05405

NOV.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 572161

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 572161
B. State Gen. ID: SAME
C. State Trans. ID: MA 972-209

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000060444
D. Transporter's Phone (508) 683-1002

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000060444
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	9	DM	3820	P	MA01
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OILY DEBRIS
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b.
c.
d.

15. Special Handling Instructions and Additional Information
a (cont.) b (cont.) c (cont.) d (cont.)
cont driver R Arsenault

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name	Signature	Date (Month Day Year)
Paul Enright	Paul Enright	12/17/91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Robert Jeffy	Robert Jeffy	12/17/91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVE GUILFOYLE	Dave Guilfoyle	12/17/91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572161 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05406

0908-0631

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
4. Generator's Phone ( )
5. Transporter 1 Company Name | 6. US EPA ID Number
7. Transporter 2 Company Name | 8. US EPA ID Number
9. Designated Facility Name and Site Address | 10. US EPA ID Number

A. State Manifest Document Number: MA F 572161
B. State Gen. ID
C. State Trans. ID: MA 970-209
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	9	DM	3820	P	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Date Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572161 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05407

0908-0632

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

58662

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019[illegible]867

Waste Profile or ARF Designation: B

Manifest Number: MAE572161

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES ____ NO X ____ X ____ On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05408

SIGNATURE: Paul Enright DATE: 12/17/91

PRINT NAME: Paul Enright TITLE: Wastewater Treatment Operator

0908-0633

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF572161

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
F	1	MA01							

TRW-05409

0908-0634

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] | Manifest Document No.
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
[illegible] BINNEY STREET
CAMBRIDGE MA [illegible]

4. Generator's Phone ( ) [illegible]

5. Transporter 1 Company Name [illegible] NORTH EAST [illegible] | 6. US EPA ID Number [illegible]

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address
[illegible] NORTH EAST [illegible]
[illegible] CANAL STREET
LAWRENCE MA | 10. US EPA ID Number [illegible]

A. State Manifest Document Number: MA F 572161
B. State Gen. ID: [illegible]
C. State Trans. ID: MA 972-209
D. Transporter's Phone ([illegible]) [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ([illegible]) 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	9	DM	3820	P	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OILY DEBRIS | c.
b. | d.

K. Handling Codes for Wastes Listed Above
a. [illegible] | c.
b. | d.

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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[illegible]

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	16 10 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Robert Pelley	[illegible]	12 12 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F572161 COPY>6: GENERATOR MAILS TO DESTINATION STATE

12/17/94

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>6: GENERATOR MAILS TO DESTINATION STATE

W-05410

0908-0635

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

58662

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: B

Manifest Number: MAF572161

EPA Hazardous Waste Number(s): MA01

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[ ] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05411

SIGNATURE: Paul Enright DATE: 12/17/91

PRINT NAME: Paul Enright TITLE: Wastewater Treatment Operator

0908-0636

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE572161

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
B	1	MA01							

0908-0637

TRW-05412

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENERS DIVISION Manifest Doc. No.: 0 0 0 0 1

CWM Profile Number: K5 6 9 9 2 State Manifest No.: NY B5142159

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☑ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ✓ Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	~~F006~~			✓			A
2							
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature_____ Title_____ Date_____

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Printed on recycled paper.

TRW-05413

0908-0638

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

LAIDLAW Env. Job 2426

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD019294867 — Manifest Document No.: 63 — 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: TRW, 195 Binney ST Cambridge MA 02138

4. Generator's Phone (617) 494-5808

A. State Manifest Document Number: MA F327641

B. State Gen. ID: SAME

5. Transporter 1 Company Name: Cyn Oil Corp — 6. US EPA ID Number: MAD082303777

C. State Trans. ID: MA 49959

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone (617 344 0265

E. State Trans. ID

9. Designated Facility Name and Site Address: Cyn Oil Corp, 1771 Washington ST, Stoughton, MA 02072 — 10. US EPA ID Number: MAD082303777

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617 344 0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PETROLEUM OIL N.O.S. Combustible Liquid NA 1270	001	TT	02700	G	MA01
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.): a. Machine oil + water

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: In Case of Emerg. Acc. Call 617 344 0265 24 hrs.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
* Samuel S Gingenti	* Samuel S Gingenti	12 13 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
JACK Fisher	Jack Fisher	12 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
Jale F Jarvis	[signature]	12 13 91

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F327641 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05414

0908-0639

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Laillaw Env. [illegible]

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. [illegible] Manifest Document No. 63
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW
195 Binney St Cambridge MA 02138

4. Generator's Phone (617) [illegible]

A. State Manifest Document Number: MA F327641

B. State Gen. ID: SAME

5. Transporter 1 Company Name: Cyn Oil Corp
6. US EPA ID Number: [illegible]

C. State Trans. ID: MA 48959

7. Transporter 2 Company Name:
8. US EPA ID Number:

D. Transporter's Phone (617) 344 0265

E. State Trans. ID:

9. Designated Facility Name and Site Address
Cyn Oil Corp
1971 Washington St
Stoughton, MA 02072

10. US EPA ID Number: [illegible]

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (617) 344 0265

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Petroleum Oil N.O.S. Combustible Liquid NA 1270	001	TT	03700	G	MA0[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Machine oil & water
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
In Case of Emerg. Arc. Call 617 344 0265 24 hrs.

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Printed/Typed Name	Signature	Date Month Day Year
* [illegible]	* [illegible]	12 13 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Jack Fisher	Jack Fisher	12 13 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F327641 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

0908-0640

TRW-05415

DAILY WORK SHEET

JOB NO. 2426
DAY & DATE Fri 12-13-91
CONTACT PERSON
PHONE NO.

Cyn Environmental Services
Stoughton, Mass.

1-800-242-5818 (Mass.)
617 344-0265

P.O. NO.
T & M ✓
CONTRACT

CLIENT Laidlaw Env. Ser.
BILLING ADDRESS 221 Sutton St.
N. Andover

JOB ADDRESS TRW
Binney ST.
Cambridge

LABOR

NAME	TITLE	Time ARRIVE	Time DEPART	REG.	OT	DT
Jack Fisher	EO	8 PM	10 15	6		

EQUIPMENT

QTY.	TYPE	FLEET #	HRS.	RATE
1	trac	204	6	
1	Vac tel	OI	6	

MATERIAL

QTY.	DESCRIPTION

DISPOSAL

	LIQUID 2700 gals oil + water
	MANIFEST NO. MA F 327641
	SOLID
	MANIFEST NO.

JOB DESCRIPTION

pump floor drain out and also
39 x 55 drums and deliver to Cyn
for disposal

OTHER

TRANSPORTATION
SUBCONTRACTOR

JOB COMPLETED ☒ YES ☐ NO

REMARKS

CUSTOMER REPRESENTATIVE Samuel S. Gergenta

CYN ENVIRONMENTAL REPRESENTATIVE JET

DATE 12-13-91

CES 1090-2

TRW-05416

0908-0641

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

58477
MAF 571281

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 571281
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST).INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST).INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE PAINT FLAMMABLE LIQUID UN1263 (D001)	02	DM	110	G	D001
b. WASTE ALKALINE LIQUID. n.o.s. (SODIUM HYDROXIDE) CORROSIVE MATERIAL NA1719	03	DM	165	G	D002
c. RQ WASTE NITRIC ACID. 40% OR LESS CORROSIVE MATERIAL NA1760 (D002)	01	DF	55	G	D002
d. FLAMMABLE SOLID.n.o.s. (XYLENE,ACETONE) FLAMMABLE SOLID UN1325	03	DM	165	G	MA99

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PAINT LIQUID/XYLENE/TOLUENE
b. PLATING TANK LIQUID/SLURRY
c. NITRIC BATH/NICKEL
d. PAINT DEBRIS W/XYL,ACETONE

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
Ia (cont.) L5154-LES-140,141
Ib (cont.) L5154-LES-79,80,81
Ic (cont.) L5154-LES-130
Id (cont.) L5154-LES-142 143,144
Contd over R. Aisencwit

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S. Gingenti
Signature: Samuel S. Gingenti
Date: Month 12 Day 09 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald W Bozeman
Signature: Donald W Bozeman
Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle Calistro
Signature: Michelle Calistro
Date: Month 12 Day 09 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571281 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05417

0908-0642

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.
2. Page 1 of | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
4. Generator's Phone ( )
5. Transporter 1 Company Name
6. US EPA ID Number
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
10. US EPA ID Number

A. State Manifest Document Number: MA F 571281
B. State Gen. ID
C. State Trans. ID
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	02	DM	110	G	
b.	02	DM	165	G	
c.	01	DF	[illegible]	G	
d.	03	DM	115	G	

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. PAINT LIQUID/XYLENE/[illegible]
b. PLATING TANK LIQUID/[illegible]
c. [illegible]
d. PAINT DEBRIS [illegible]

K. Handling Codes for Wastes Listed Above
a. | c.
b. | d.

15. Special Handling Instructions and Additional Information
L5154-LES-19[illegible] L5[illegible] L5[illegible]-130 [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month Day Year
Samuel S. Gingenti	Samuel S. Gingenti	12 09 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
[illegible]	[illegible]	12 09 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

GENERATOR | TRANSPORTER | FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571281 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05418

0908-0643

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 571282

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD012294867 — Manifest Document No.
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 571282
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone (508 683-1002
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE ACID LIQUID, n.o.s. (HYDROCHLORIC ACID, SULFURIC ACID) CORROSIVE MATERIAL NA1760	01	DF	55	G	D002
b. RQ WASTE AMMONIUM HYDROGEN FLUORIDE SOLUTION CORROSIVE MATERIAL UN2817 (D002)	01	DF	55	G	D002
c. WASTE ACID LIQUID, n.o.s. (NITRIC ACID, SULFURIC ACID) CORROSIVE MATERIAL NA1760	01	DF	15	G	D002
d. WASTE ACID LIQUID, n.o.s. (NITRIC ACID, SULFURIC ACID) CORROSIVE MATERIAL NA1760	01	DF	5	G	D002

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
a. RESIST/H2SO/ACID
b. ACIDIC FLUX
c. ZINC STRIP W/NITRIC,HCL
d. ZINC STRIP W/NITRIC,HCL

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
Cont driver R. Aisenault
1a (cont.) L5154-LES-128
1b (cont.) L5154-LES-127
1c (cont.) L5154-LES-129
1d (cont.) L5154-LES-132

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

GENERATOR — Printed/Typed Name: Samuel S Girgenti — Signature: Samuel S Girgenti — Date: Month 12 Day 09 Year 91

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Donald W Bozeman — Signature: Donald Bozeman — Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY — 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle Calistro — Signature: Michelle Calistro — Date: Month 12 Day 09 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 571282 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05419

0908-0644

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No.
2. Page 1 of [illegible] Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible]
10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F 571282
B. State Gen ID [illegible]
C. State Trans. ID MA 972708
D. Transporter's Phone ( ) [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( ) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	01	DF	55	G	[illegible]
b. [illegible]	01	DF	55	G	[illegible]
c. [illegible]	01	DF	[illegible]	G	[illegible]
d. [illegible]	01	DF	[illegible]	G	[illegible]

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. [illegible] c. [illegible]
b. [illegible] d. [illegible]

K. Handling Codes for Wastes Listed Above
a. [illegible] c. [illegible]
b. [illegible] d. [illegible]

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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[illegible]

Printed/Typed Name	Signature	Date Month	Day	Year
Samuel S Girgenti	Samuel S Girgenti	12	09	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Howard Coleman	[illegible]	12	09	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 571282 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05420

0908-0645

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

58477

Generator Name/Location: 54090 TRW FASTENERS BLVD. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MA9019294867

Waste Profile or ARF Designation: [illegible]

Manifest Number: MAF571281 MAF571282 MAF571283 MAF571284

EPA Hazardous Waste Number(s): MA99D001D002

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05421

SIGNATURE: Samuel S Girgenti DATE: 12/9/91

PRINT NAME: Samuel S Girgenti TITLE: Chief Operator

0908-0646

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE571281 MAE571282 MAE571283 MAE571284

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
E3	1	MA99							
F	2	D001		IGNIT LIQ TUC>10%	NWW	268.42(a)	ESUBS RORGS INCIN		
F3	1	MA99							
G3	1	MA99							
H3	2	D002		ALKALINE (PH>12.5)	NWW	268.42(a)	DEACT		
I3	1	MA99							
J3	1	MA99							
K3	1	MA99							
L3	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT	37=134	
22 M1	1	MA99							

TRW-05422

0908-0647

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

Generator Name/Location: TRANSFASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF571281 MAF571282 MAF571283 MAF571284

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
M3	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT		
N3	2	D002		OTHER CORROSIVES	NWW	268.42(a)	DEACT		
X1	2	D002		ACID(PH<2)	WW	268.42(a)	DEACT		

0908-0648

TRW-05423

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2,4,5-Trichlorophenol	<	0.05 ppm
34	2,4,6-Trichlorophenol	<	0.05 ppm
35	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

58477
MAF 571283

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 571283
B. State Gen. ID: SAME
C. State Trans. ID: MA 972708
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL	01	DM	55	G	MA99
b. NON-REGULATED MATERIAL	05	DM	275	G	MA99
c. NON-REGULATED MATERIAL	06	DM	330	G	MA99
d. NON-REGULATED MATERIAL	05	DM	275	G	MA99

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
E3 a. CORROSION INHIBITOR-RUSTLICK B
b. TRENCH DEBRIS/NICKEL SALTS
c. RINSE WATERS FROM CAUSTIC PIT
d. PLATING TANK SLUDGE/CU/BRASS

K. Handling Codes for Wastes Listed Above
a. S 0 1 c. S 0 1
b. S 0 1 d. S 0 1

15. Special Handling Instructions and Additional Information
Cont Driver R Aisenault
1a (cont.) L5154-LES-126
1b (cont.) L5154-LES-57,60,61 71,84
1c (cont.) L5154-LES-107,108 125 54-97-55
1d (cont.) L5154-LES-82,83 78,86,104

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Date: Month 12 Day 09 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman
Signature: Donald Bozeman
Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle Calistro
Signature: Michelle Calistro
Date: Month 12 Day 09 Year 91

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571283 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05424

0908-0649

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No.
2. Page 1 of [illegible]

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible]
10. US EPA ID Number [illegible]

A. State Manifest Document Number: MA F 571283
B. State Gen. ID [illegible]
C. State Trans. ID [illegible]
D. Transporter's Phone ( ) [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( ) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
b. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
c. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
d. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. CORROSION INHIBITOR [illegible]
b. TRENCH DEBRIS/NICKEL [illegible]
c. [illegible]
d. [illegible]

K. Handling Codes for Wastes Listed Above
a. [illegible] c. [illegible]
b. [illegible] d. [illegible]

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

[illegible]

Printed/Typed Name	Signature	Date Month	Day	Year
Samuel S Girgenti	Samuel S Girgenti	12	09	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible]	12	09	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571283 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05425

0908-0650

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: E3 F G3 H3 I3 J3 K3 L3 M3 N3 N5 X1

Manifest Number: MAE571281 MAE571282 MAE571283 MAE571284

EPA Hazardous Waste Number(s): MA99D001D002

Waste Analysis Attached? YES _____ NO X _____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05426

SIGNATURE: Samuel A. Gargenti DATE: 12/9/91

0908-0651

Generator Name/Location: _____

EPA I.D. Number: MAD019294867 Manifest Number: MAE571281 MAE571282 MAE571283 MAE571284

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
E3	1	MA99							
C	2	D001		IGNIT LIQ TOC>10%	NWW	268.42(a)	ESUBS RORGS INCIN		
F3	1	MA99							
G3	1	MA99							
H3	2	D002		ALKALINE (PH>12.5)	NWW	268.42(a)	DEACT		
I3	1	MA99							
J3	1	MA99							
K3	1	MA99							
L3	3	D002		ACID(PH<2)	NWW	268.42(a)	DEACT	37=134	
22 M1	1	MA99							

0908-0652

TRW-05427

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

COPY

Generator Name/Location: [illegible]

EPA I.D. Number: [illegible] Manifest Number: [illegible] MAF571282 MAF571283 MAF571284

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
M3	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT		
M3	2	D002		OTHER CORROSIVES	NWW	268.42(a)	DEACT		
X1	2	D002		ACID(PH<2)	WW	268.42(a)	DEACT		

TRW-05428

0908-0653

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

584 / /
MAF 571284

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 571284
B. State Gen. ID: SAME
C. State Trans. ID: MA-972-708
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST).INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST).INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL	02	DF	10	G	MA99
b. NON-REGULATED MATERIAL	01	DF	55	G	MA99
c. NON-Regulated Material	02	DM	110	G	MA99
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ALKALINE CLEANER
b. WASH WATER/MIDLY ALKALINE
c. Plastic Plating Spheres
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
1a (cont.) L5154-LES-133,134
1b (cont.) L5154-LES-131
1c (cont.) L5154-LES-42-64
1d (cont.) Cont. driver R. Aisenault
2x50 gal pails

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Date: Month 12 Day 09 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Bozeman
Signature: Donald Bozeman
Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle Calistro
Signature: Michelle Calistro
Date: Month 12 Day 09 Year 91

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571284 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05429

0908-0654

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
4. Generator's Phone ( )
5. Transporter 1 Company Name
6. US EPA ID Number
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
10. US EPA ID Number

A. State Manifest Document Number: MA F 571284
B. State Gen. ID
C. State Trans. ID: MA-972-70[illegible]
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	[illegible]	DF	30	G	[illegible]
b.	[illegible]	DF	[illegible]	G	[illegible]
c. Non-Regulated Material	[illegible]	DM	110	G	mass
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ALKALINE CLEANER
b. WASH WATER [illegible]
c. PLASTIC PLATING [illegible]
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c. S 0 1
d.

15. Special Handling Instructions and Additional Information
[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date Month	Day	Year
Samuel S Girgenti	Samuel S Girgenti	12	09	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Donald Bozeman	Donald Bozeman	12	09	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 571284 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05430

0908-0655

GREEN – OFFICE COPY • CANARY – CUSTOMER COPY • PINK – WAREHOUSE COPY

FOR DISPOSAL ONLY
EMPTY DRUM HAZARDOUS MATERIAL SHIPPING FORM

FROM:
TRW
195 Binney ST
Cambridge MASS

CONSIGNEE and DESTINATION

NORTH EAST SOLVENTS RECLAMATION CORPORATION
221 SUTTON STREET
NO. ANDOVER, MA 01845
TEL. (508) 683-1002

PACKAGES NO.	PACKAGES TYPE	HM	PROPER SHIPPING	HAZARD CLASS	ID NO.	FOR OFFICE USE ONLY DRUM TYPE
				ORM-E	9189	
2	55		Last Contained Nickel Chloride Solution		ORM	
2	15		Thinner		UN 1993	
1	55		Last Contained Thinner		UN 1993	
2	5		Last Contained GAS	Flammable Liquid	UN 1993	
1	2½		Last Contained GAS	Flammable, [illegible]	UN 1993	
1	55 DF		Last Containing			
			Sodium Hydroxide	Corrosive	UN	
				Wattern	1824	
1	55		Hazardous Substance			
			Liquid NOS	~~[illegible]~~ ORM E	NA 9188	

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

"This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

CUSTOMER SIGNATURE Samuel S Gergenti DATE 12/9/91

DRIVER'S SIGNATURE DB DATE 12-9-91

CHEMTREK
1-800-424-9300

CONTAINS HAZARDOUS MATERIALS

TRW-05431

0908-0656

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

58477

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: E3 F F3 G3 H3 I3 J3 K3 L3 M1 M3 N3 X1

Manifest Number: MAF571281 MAF571282 MAF571283 MAF571284

EPA Hazardous Waste Number(s): MA99D001D002

Waste Analysis Attached? YES _____ NO X X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

TRW-05432

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S Gingenti DATE: 12/9/91

PRINT NAME: Samuel S Gingenti TITLE: Chief Operator

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF571281 MAF571282 MAF571283 MAF571284

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
								(MG/L)	
E3	1	MA99							
F	2	D001		IGNIT LIQ TOC>10%	NWW	268.42(a)	FSUBS RORGS INCIN		
F3	1	MA99							
G3	1	MA99							
H3	2	D002		ALKALINE (PH>12.5)	NWW	268.42(a)	DEACT		
I3	1	MA99							
J3	1	MA99							
K3	1	MA99							
L3	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT	37=134	
M1	1	MA99							

TRW-0543?

0908-0658

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

FACILITY COPY

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF571281 MAF571282 MAF571283 MAF571284

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
M3	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT		
N3	2	D002		OTHER CORROSIVES	NWW	268.42(a)	DEACT		
X1	2	D002		ACID(PH<2)	WW	268.42(a)	DEACT		

TRW-05434

0908-0659

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

FACILITY COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 571285

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867
Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142

4. Generator's Phone (617) 494-5756

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

A. State Manifest Document Number: MA F 571285
B. State Gen. ID: SAME
C. State Trans. ID: MA-972-710
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE ALKALINE LIQUID, n.o.s. (SODIUM HYDROXIDE) CORROSIVE MATERIAL NA1719	1	DM	55	G	D002
b. RQ HAZARDOUS SUBSTANCE LIQUID, n.o.s. (NICKEL CHLORIDE, NICKEL SULFATE) ORM-E NA9188 (MA99)	11	DF DM	605	G	MA99
c. RQ HAZARDOUS SUBSTANCE SOLID, n.o.s. (NICKEL SULFATE, NICKEL CHLORIDE) ORM-E NA9188 (MA99)	3	DM	165	G	MA99
d. WASTE ACID LIQUID, n.o.s. (HYDROCHLORIC ACID) CORROSIVE MATERIAL NA1760	1	DF	55	G	D002

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ALKALINE SOLUTION
b. NICKEL PLATING SOLUTION
c. NICKEL SALTS, ANODE BAGS, FILTERS
d. ~~SOAP/RINSE~~ NI-PLATING LINE

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
Ia (cont.) L5154-LES-85
Ib (cont.) L5154-LES-40,53,56,59,70, 74,75,76,77,103,63
Ic (cont.) CONT. DRIVER R. ALSENOWITZ L5154-LES-58, 138,139
Id (cont.) L5154-LES-39

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Girgenti
Signature: Samuel S Girgenti
Date: Month 12 Day 09 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Belmont
Signature: Michael Belmont
Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 12 Day 09 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571285 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05435

0908-0660

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No.
2. Page 1 of [illegible] Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address [illegible]
4. Generator's Phone ( ) [illegible]
5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address [illegible]
10. US EPA ID Number [illegible]

A. State Manifest Document Number MA F571285
B. State Gen. ID [illegible]
C. State Trans. ID MA-573-710
D. Transporter's Phone ( ) [illegible]
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( ) [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	1	DM	55	G	[illegible]
b. [illegible]	11	DM	605	G	[illegible]
c. [illegible]	3	DM	165	G	[illegible]
d. [illegible]	1	DM	55	G	[illegible]

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. [illegible]
b. [illegible]
c. [illegible]
d. [illegible]

K. Handling Codes for Wastes Listed Above
a. [illegible]
b. [illegible]
c. [illegible]
d. [illegible]

15. Special Handling Instructions and Additional Information
L5154-LES-85 L5154-LES-[illegible], 56, 59, 10, 74, 75, 76, 77, 63, 63 L5154-LES-[illegible], 138, 139 L5154-LES-39

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

[illegible]

Printed/Typed Name	Signature	Date Month Day Year
Samuel S Gilyanti	Samuel S Gilyanti	12 09 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Michael Bolan	Michael Bolan	12 09 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571285 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05436

0908-0661

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted! # 58478

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A A2 B2 C3 D2 G R U2 W2 X2 Y2 Z2

Manifest Number: MAF571285 MAF571286 MAF571287

EPA Hazardous Waste Number(s): MA01D002MA99

Waste Analysis Attached? YES ____ NO X X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S. Girgenti DATE: 12/9/91

PRINT NAME: Samuel S. Girgenti TITLE: Chief Operator

TRW-05437

0908-0662

Generator Name/Location: [illegible] 195 [illegible] CAMBRIDGE MA 02142

EPA I.D. Number: [illegible] Manifest Number: [illegible] MAE571286 MAE571287

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No. (MG/L)	OTHER
A	1	MA01							
A3	2	D002		ALKALINE (PH>12.5)	NWW	268.42(3)	DEACT		
B3	1	MA99							
C3	1	MA99							
D3	1	MA99							
G	1	MA99							
R	1	MA99						37=134	
V2	1	MA99							
W2	1	MA99							
X2	1	MA99							

TRW-05438

0908-0663

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/1) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

USTOMER COPY

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF571285 MAF571286 MAF571287

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
Y2	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT		
Z2	1	MA99							

TRW-05439

0908-0664

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

CUSTOMER COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

58478
MAF 571286

* Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. MAD019948667
Manifest Document No.
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 KINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5246

A. State Manifest Document Number: MA F 571286
B. State Gen. ID: SAME
C. State Trans. ID: MA-972-710
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC.
6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED OIL WASTE	2	DF	110	G	MA01
b. NON-REGULATED MATERIAL	1	DM	55	G	MA99
c. NON-REGULATED MATERIAL	6	DM	330	G	MA99
d. NON-REGULATED MATERIAL	2	DM	110	G	MA99

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. MIXED OIL/WATER
b. TRENCH TUMBLER AREA DEBRIS
c. CLEANOUT PUMICE PIT
d. CLEANER COMPOUND

K. Handling Codes for Wastes Listed Above
a. S 0 1
b. S 0 1
c. S 0 1
d. S 0 1

15. Special Handling Instructions and Additional Information
1a (cont.) L5154-LES-04,05
1b (cont.) L5154-LES-87
1c (cont.) L5154-LES-116→121
cont. driver R. Arsenault
1d (cont.) L5154-LES-123,124

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gingenti
Signature: Samuel S. Gingenti
Date: Month 12 Day 09 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Belmont
Signature: Michael Belmont
Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE
Signature: Dave Guilfoyle
Date: Month 12 Day 09 Year 91

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571286 COPY>3: FACILITY MAILS TO GENERATOR

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05440

0908-0665

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name | 6. US EPA ID Number

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number

A. State Manifest Document Number: MA F 571286

B. State Gen. ID

C. State Trans. ID: MA-973-710

D. Transporter's Phone ( )

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID NOT REQUIRED

H. Facility's Phone ( )

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	2	X	110	G	
b.	1	DM	55	G	
c.	6	DM	330	G	
d.	2	DM	110	G	

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. | c.

b. | d.

K. Handling Codes for Wastes Listed Above

a. | c.

b. | d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Samuel S Gingenti | Signature: Samuel Gingenti | Date: Month 12 Day 09 Year 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Belmont | Signature: Michael Belmont | Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Date: Month Day Year

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F 571286 COPY>B: GENERATOR RETAINS

COPY>B: GENERATOR RETAINS

TRW-05441

0908-0666

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted! # 58478

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A A3 B3 C3 H2 G R U2 W2 X2 Y2 Z2

Manifest Number: MAF571285 MAF571286 MAF571287

EPA Hazardous Waste Number(s): MA01D002MA99

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s) ** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

TRW-05442

SIGNATURE: Samuel S. Girgenti DATE: 12/9/91

PRINT NAME: Samuel S. Girgenti TITLE: Chief Operator

0908-0667

Generator Name/Location:

EPA I.D. Number: Manifest Number: MAF571285 MAF571286 MAF571287

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
A	1	MA01						(MG/L)	
A3	2	D002		ALKALINE (PH>12.5)	NWW	268.42(a)	DEACT		
B3	1	MA99							
C3	1	MA99							
D3	1	MA99							
G	1	MA99							
R	1	MA99						37=134	
V2	1	MA99							
W2	1	MA99							
X2	1	MA99							

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

TRW-05443

0908-0668

Generator Name/Location:

EPA I.D. Number: MAD019294867 Manifest Number: MAF571285 MAF571286 MAF571287

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
Y2	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT		
Z2	1	MA99							

TRW-05444

0908-0669

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MAF 571287

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: MAD019294867 | Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TRW FASTENERS DIV.
195 BINNEY STREET
CAMBRIDGE MA 02142
4. Generator's Phone (617) 494-5756

A. State Manifest Document Number: MA F 571287
B. State Gen. ID: SAME
C. State Trans. ID: MA-972-710
D. Transporter's Phone (508 683-1002
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (508 683-1002

5. Transporter 1 Company Name: LAIDLAW ENV. SVCS. (NORTH EAST), INC. | 6. US EPA ID Number: MAD000604447
7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST), INC.
300 CANAL STREET
LAWRENCE MA
10. US EPA ID Number: MAD000604447

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-REGULATED MATERIAL	7	DM	385	G	MA99
b. NON-REGULATED MATERIAL	8	DM	440	G	MA99
c. NON-REGULATED MATERIAL	1	DM	55	G	MA99
d. NON-REGULATED MATERIAL	1	DM	55	G	MA99

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
a. TYVEC CONTAMINATED WITH NICKEL
b. FASTENERS/PUMICE/DEBRIS
c. CLAY POTS LAST CONTAINING ACIDS
d. PLASTIC PLATING SPHERES

K. Handling Codes for Wastes Listed Above
a. S 0 1 | c. S 0 1
b. S 0 1 | d. S 0 1

15. Special Handling Instructions and Additional Information
Ia (cont.) L5154-LES-08,09,43,44,45,95,52
Ib (cont.) L5154-LES-88,94,122
Ic (cont.) L5154-LES-62 Cont. driver & Assembly
Id (cont.) L5154-LES-41,[redacted]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

IN EMERGENCY SITUATION CONTACT LAIDLAW (NORTH EAST) 508-683-1002

Printed/Typed Name: Samuel S Gigenti | Signature: Samuel S Gigenti | Date: Month 12 Day 09 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Belmont | Signature: Michael Belmont | Date: Month 12 Day 09 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAVE GUILFOYLE | Signature: Dave Guilfoyle | Date: Month 12 Day 09 Year 91

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571287 COPY>3: FACILITY MAILS TO GENERATOR

COPY>3: FACILITY MAILS TO GENERATOR

TRW-05445

0908-0670

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
4. Generator's Phone ( )
5. Transporter 1 Company Name | 6. US EPA ID Number
7. Transporter 2 Company Name | 8. US EPA ID Number
9. Designated Facility Name and Site Address | 10. US EPA ID Number

A. State Manifest Document Number: MA F 571287
B. State Gen. ID
C. State Trans. ID
D. Transporter's Phone ( )
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	7	DM	385	G	
b.	1	DM	440	G	
c.	1	DM	[illegible]	G	
d.	1	DM	55	G	

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. | c.
b. | d.

K. Handling Codes for Wastes Listed Above
a. | c.
b. | d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Samuel S Gigenti | Signature: Samuel S Gigenti | Date: Month 12 Day 19 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] | Signature | Date: Month 12 Day 19 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA F571287 COPY>8: GENERATOR RETAINS

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8: GENERATOR RETAINS

TRW-05446

0908-0671

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

58478

Generator Name/Location: 54090 TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867

Waste Profile or ARF Designation: A A3 B3 C3 D3 G R V2 W2 X2 Y2 Z2

Manifest Number: MAE571285 MAE571286 MAE571287

EPA Hazardous Waste Number(s): MA01D002MA99

Waste Analysis Attached? YES ____ NO X ____ X On file at facility.

[X] Unrestricted Waste Notification (Category 1)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] Restricted Waste Notification (Category 2)
I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method, or qualifies for a variance as described in Category 3 or meets the standard as described under Category 4.

Corresponding Treatment Standard(s)

** SEE DETAIL PAGE(S) **

[ ] Restricted Waste Variance Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR 268 Subpart C, or a case-by-case extension under 40 CFR 268.5, or an exemption under 40 CFR 268.6.

Applicable Variance (Give the date the waste is subject to prohibitions)

[ ] Restricted Waste Certification (Category 4)
I certify under penalty of law that I personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

Category 6 - Lab Pack Certification

[ ] (6a) Organometallic (inorganic)
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration followed by stabilization of residues to demonstrate compliance with 40 CFR 268.42(c).

[ ] (6b) Organic
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Notification of Corresponding Treatment Standard: Incineration

SIGNATURE: Samuel S. Girgenti DATE: 12/9/91

PRINT NAME: Samuel S. Girgenti TITLE: Chief Operator

TRW-05447

0908-0672

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAE571285 MAE571286 MAE571287

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
									(MG/L)
A	1	MA01							
A3	2	D002		ALKALINE (PH>12.5)	NWW	268.42(a)	DEACT		
B3	1	MA99							
C3	1	MA99							
D3	1	MA99							
G	1	MA99							
R	1	MA99						37=134	
V2	1	MA99							
W2	1	MA99							
X2	1	MA99							

TRW-05448

0908-0673

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1.2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1.1.1-Trichloroethane	1.05	0.41
23	1.1.2-Trichloro-1.2.2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste			Concentration
Legend #	Constituent Name		
27	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
28	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
30	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
32	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
33	2.4.5-Trichlorophenol	<	0.05 ppm
34	2.4.6-Trichlorophenol	<	0.05 ppm
35	2.3.4.6-Tetrachlorophenol	<	0.10 ppm
36	Pentachlorophenol	<	0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

FACILITY COPY

Generator Name/Location: TRW FASTENERS DIV. 195 BINNEY STREET CAMBRIDGE MA 02142

EPA I.D. Number: MAD019294867 Manifest Number: MAF571285 MAF571286 MAF571287

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Specific Treatment Technology	Legend No.	OTHER
Y2	2	D002		ACID(PH<2)	NWW	268.42(a)	DEACT		
Z2	1	MA99							

TRW-05449

0908-0674

LEGEND FOR TREATMENT STANDARDS EXPRESSED AS CONCENTRATION

TABLE CCWE-CONSTITUENTS IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
1	Acetone	0.05	0.59
2	n-butyl alcohol	5.0	5.0
3	Carbon disulfide	1.05	4.81
4	Carbon Tetrachloride	.05	.96
5	Chlorobenzene	.15	.05
6	Cresols (and cresylic acid)	2.82	.75
7	Cyclohexanone	.125	.75
8	1,2-dichlorobenzene	.65	.125
9	Ethyl acetate	.05	.75
10	Ethyl benzene	.05	.053
11	Ethyl ether	.05	.75
12	Isobutanol	5.0	5.0
13	Methanol	.25	.75
14	Methylene chloride	.20	.96
15	Methylene chloride (from the pharmaceutical industry)	0.44	NA
16	Methyl ethyl ketone	0.05	0.75
17	Methyl isobutyl ketone	0.05	0.33
18	Nitrobenzene	0.66	0.125
19	Pyridine	1.12	0.33
20	Tetrachloroethylene	0.079	0.05
21	Toluene	1.12	0.33
22	1,1,1-Trichloroethane	1.05	0.41
23	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
24	Trichloroethylene	0.062	0.091
25	Trichlorofluoromethane	0.05	0.96
26	Xylene	0.05	0.15

F020-F023 and F026-F028 dioxin Containing Waste		Concentration
Legend #	Constituent Name	
27	HxCCD-All Hexachlorodibenzo-p-dioxins	< 1 ppb
28	HxCDF-All Hexachlorodibenzofurans	< 1 ppb
29	PeCDD-All Pentachlorodibenzo-p-dioxins	< 1 ppb
30	PeCDF-All Pentachlorodibenzofurans	< 1 ppb
31	TCDD-All Tetrachlorodibenzo-p-dioxins	< 1 ppb
32	TCDF-All Tetrachlorodibenzofurans	< 1 ppb
33	2,4,5-Trichlorophenol	< 0.05 ppm
34	2,4,6-Trichlorophenol	< 0.05 ppm
35	2,3,4,6-Tetrachlorophenol	< 0.10 ppm
36	Pentachlorophenol	< 0.01 ppm

CALIFORNIA LIST WASTES

37	Nickel	134 mg/l
38	Thallium	130 mg/l
39	Cyanide (Liquid)	1000 mg/l

FACILITY COPY

48-14-1 (3/89)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. MAD 019294567 Manifest Document No. 000 01

2. Page 1 of

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners Divsion
195 Dinney Street, Cambridge, MA

4. Generator's Phone (617) 494-5756

A. State Manifest Document No. NY B 514215 9

B. Generator's ID

5. Transporter 1 (Company Name) Chemical Waste Management

6. US EPA ID Number ILD 099262681

C. State Transporter's ID 25385 B NY

D. Transporter's Phone (716-754-8231)

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City- CWM Chemical Services
1550 Balmer Rd., Model City, NY 14107

10. US EPA ID Number NYD 040885 25 679

G. State Facility's ID

H. Facility's Phone (716-754-8231)

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE SOLID, N.O.S. (F006) CWM-E NA 9189 (contains [illegible] sludge)	xx 1	CM	00020	Y	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge (S) 1.2-1.4
a c
b d

K. Handling Codes for Wastes Listed Above
a [ ] c [ ]
b [ ] d [ ]

15. Special Handling Instructions and Additional Information
Profile No. K50592
Work Order No. 181975

In the event of emergency contact CWM @ 206/652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Paul Enright
Signature: P. Enright
Mo. Day Year: 12 18 91

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: William Dixon
Signature: Wm. Dixon
Mo. Day Year: 12 18 91

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name
Signature
Mo. Day Year

0908-0675

19. Discrepancy Indication Space
Actual Qty Recd 13500P
Item 13 - [illegible]

TRW-05450

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Michelle R. Ligammari
Signature: Michelle R. Ligammari
Mo. Day Year: 12 18 91

NY B 514215 9

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

40-14-1 (3/89 - 7)

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2-52-0333 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. [illegible] Manifest Document No. [illegible]

2. Page 1 of [illegible] Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners Division
125 Pinney Street, Cambridge, PA

4. Generator's Phone (617) 494-5755

A. State Manifest Document No. NY B 514215 9

B. Generator's ID

5. Transporter 1 (Company Name) Chemical Waste Management

6. US EPA ID Number I L D 0 9 9 9 2 6 2 8 1

C. State Transporter's ID 7535B NY

D. Transporter's Phone (716-[illegible])

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City- OSI Chemical Services
1550 Balmer Rd., Model City, NY 14107

10. US EPA ID Number N Y D 0 4 0 8 3 8 6 7 9

G. State Facility's ID

H. Facility's Phone (716-754-8231)

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. E NO HAZARDOUS WASTE SOLID, N.O.S. (F006) CERCLA RQ 5000 (contains dewatered sludge)	x x 1	C R	00020	Y	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge (b) 1.2-1.4

K. Handling Codes for Wastes Listed Above
a [illegible] c
b d

15. Special Handling Instructions and Additional Information
Profile No. [illegible]
Work Order No. 18975

In case of emergency contact OSI @ 716/652-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name [illegible] Signature [illegible] Mo. Day Year [illegible]

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name William Dixon Signature [illegible] Mo. Day Year 12/18/91

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature Mo. Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

NY B 514215 9

COPY 8 – Generator – retained by generator

TRW-05451

0908-0676

TRIP TICKET NO. 004853 PAGE 1

CHEMICAL WASTE MANAGEMENT, INC.
DISPATCH/SHIPPING INSTRUCTIONS

DRIVER: [illegible] TRUCK: 1677

FLATBED VAN END DUMP TRLR1 6659-377 [illegible]

TANKER: MS SS PL ROLLOFF ✓ TRLR2 6659- [illegible]

SHIPPER:
TRW FASTENERS DIV.
135 BINNEY STREET

TRANSPORTER:
CHEMICAL WASTE MANAGEMENT, INC
1550 BALMER ROAD
MODEL CITY NY 14107
PHONE 716/754-8231

RETURN _____
LEAVE [illegible]

CAMBRIDGE MA 02742
FED EPA ID MAD019294867

NET _____

CONTAINER NO / TYPE	WASTE NAME DOT DESCRIPTION -- CLASS	PROFILE PERMIT	WEIGHT
_____ / _____	METAL HYDROXIDE SLUDGE FROM	APPROVED FOR	
_____ / _____	RO HAZARDOUS WASTE S ORM-E	04/10/92	
_____ / _____	F006 F006	K50992MDC	EXP. 04/10/92
_____ / _____			DOT ID.

CONTACT 1) SMA GEGENTI 617/494-5812

DRIVER'S DIRECTIONS 730Am Rto Switch

DATE OF PICKUP 12/18/91 MANIFEST NO. HYB5142159 P.O. NO. 181975

TIME SUMMARY		COMMENTS
ARRIVE CUST	7:30Am	
START LOAD		
END LOAD	11:45 Am	
TOTAL TIME	4 1/4 HR	CUSTOMER SIGNATURE [signature]

TRW-05452

DATE COMPLETED 12-12-91

DATE PREPARED 12/16/91 BY 00

DRIVER SIGNATURE [signature]

0908-0677

48-14-1 (3/89)—7r

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NAD 0 1 9 2 9 4 5 6 7 | Manifest Document No.

2. Page 1 of | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
TRW Fasteners Division
105 Pinney Street, Cortriage, NY

4. Generator's Phone (517) 404-5755

A. State Manifest Document No. NY B 514215 9

B. Generator's ID

5. Transporter 1 (Company Name) (Bonifat Waste Haulage Inc.

6. US EPA ID Number ILD 0 0 9 2 0 2 5 3 1

C. State Transporter's ID 75385B NY

D. Transporter's Phone (716-754-0231)

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Model City- Chemical Services
1550 Balmer Rd., Model City, NY 14107

10. US EPA ID Number NYD 0 4 8 8 2 5 6 7 0

G. State Facility's ID

H. Facility's Phone (716-754-0231)

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ HAZARDOUS WASTE SOLID, N.O.S. (F006) ORM-E NA 9189 (contains ~~oil and textile~~ sludge)	X X 1		00020	Y	EPA F006 STATE F006
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Metal Hydroxide Sludge (S) 1.2-1.4
a c
b d

K. Handling Codes for Wastes Listed Above
a c
b d

15. Special Handling Instructions and Additional Information
Profile No. 500522
Work Order No. 18975

In the event of emergency contact Bill 716/552-9721

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Paul Grant | Signature: Paul Grant | Mo. Day Year 12 1 91

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: William Dixon | Signature: Wm Dixon | Mo. Day Year 12 1 91

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Mo. Day Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

NY B 514215 9

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 3 – Disposer State – mailed by generator

TRW-05453

0908-0678

IP TICKET NO. 004853 PAGE 1

CHEMICAL WASTE MANAGEMENT, INC.
DISPATCH/SHIPPING INSTRUCTIONS

RIVER: [illegible] TRUCK: 1672
LATBED VAN END DUMP TRLR1 6659-377 [illegible]
ANKER: MS SS RL ROLLOFF ✓ TRLR2 6659 - [illegible]
HIPPER: TRANSPORTER:
TRW FASTENERS DIV. CHEMICAL WASTE MANAGEMENT, INC
195 BINNEY STREET 1550 HALMER ROAD RETURN
MODEL CITY NY 14107
PHONE 716-754-8231 LEAVE [illegible]
CAMBRIDGE MA 02742
FED EPA ID MAD019294867 NET

CONTAINER NO / TYPE	WASTE NAME DOT DESCRIPTION -- CLASS	PROFILE PERMIT	WEIGHT
/	METAL HYDROXIDE SLUDGE FROM	APPROVED FOR	
/	RO HAZARDOUS WASTE S ORM-E	04/10/92	
/	F006 F006	[illegible]	EXP. 04/10/92
/			[illegible]

CONTACT 1: SMA GEGENTI 617/494-5812

DRIVER'S DIRECTIONS 730Am Rto Switch

DATE OF PICKUP 12/18/91 MANIFEST NO. HYB5142159 P.O. NO. 191975

TIME SUMMARY		COMMENTS
ARRIVE CUST	730Am	
START LOAD		
END LOAD	11:45 Am	
TOTAL TIME	4 1/4 HR	CUSTOMER SIGNATURE [signature]

TRW-05454

DATE COMPLETED 12-18-91

DATE PREPARED 12/18/91 BY 00

DRIVER SIGNATURE [signature]

0908-0679

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: TRW FASTENERS DIVISION Manifest Doc. No.: 0 0 0 0 1

CWM Profile Number: K 5 6 9 9 2 State Manifest No.: NY B5142159

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42 TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F006			✓			A
2							
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature_____ Title_____ Date_____

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Printed on recycled paper.

TRW-05455

0908-0680

0908-0681

DEC.