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1-28-93 Com 2 (1743)

Rollins CHEMPAK, Inc. IND 005 068 705 GENERATOR INFORMATION

EP 102 C.2.1

Dear Customer:

As of Aug 8, 1988 Federal regulations requires that the generator submit to their Regional EPA Administrator, formal Demonstration and Certification that a good faith effort has been made to locate and contract with treatment and recovery facilities which provide the greatest environmental benefit for each waste stream covered by 40 CFR 268.8 The attached Demonstration and Certification Forms can be used for that purpose. It is recommended that in addition to forwarding a copy to your Regional EPA office, you retain a copy for your records. Our CHEMPAK Chemist will assist in their preparation.

INSTRUCTIONS FOR COMPLETING: Page 1 and 2 Demonstration/Certification

PAGE 1: Incineration Demonstration/Certification Letter: This form lists those waste numbers that are restricted from land disposal and will be incinerated to comply with August 8, 1988 regulations. If any waste numbers are checked off, the generator must sign and submit to EPA. A copy MUST accompany the shipment. If no waste numbers apply write NOT APPLICABLE across form and do not mail or sign.

PAGE 2: Chemical Stabilization Demonstration/Certification letter. This form list those waste numbers that are restricted from direct landfill and can not be incinerated by RES. They will be treated before land disposal. If any waste numbers are checked off generator must sign and submit to US EPA. A copy must accompany shipment. If this treatment is not used and/or no waste numbers are checked off DO NOT mail or sign. Write not applicable.

PAGE 3 THRU 9: Facility Notifications - Must Accompany Shipment

PAGE 3: This form must be completed and signed whenever waste is being incinerated regardless of waste numbers involved. Enter all information and sign. If information is not complete shipment could be rejected by receiving facility.

PAGE 4: Check off constituents for F001-F005 if these wastes are being handled. Generator must sign. At the bottom of the page, add all other waste numbers from manifest with the exceptions of those found on page three and page six.

PAGE 5: Landfill and/or Stabilization. Complete only if waste stream is to be handled by DE or SE. If yes, all information must be entered regardless of waste numbers involved. Be sure to include all "CA List" and "HOC's". Generator must then sign. If this method is not being used, write NOT APPLICABLE and generator needs not sign.

PAGE 6: Complete if necessary.

Make three (3) copies of each page for distribution as follows:

- o GENERATOR
- o SHIPMENT
- o CHEMPAK OFFICE

RECEIVED
WMD RCRA
RECORD CENTER

US EPA RECORDS CENTER REGION 5
479241

Should you have any questions concerning these certification/notification requirements, our chemist(s) assigned to your project will answer them. If further information is required contact the Rollins CHEMPAK National Quality Control Manager at 302-479-3446.

INCINERATION STREAMS
REGIONAL ADMINISTRATOR
U. S. ENVIRONMENTAL PROTECTION AGENCY (CHECK REGION)

☐ EPA REGION 1
JFK Federal Building
Boston, Massachusetts 02203
(617) 223-2468
Connecticut, Massachusetts, Maine
New Hampshire, Rhode Island, Vermont

☐ EPA REGION II
26 Federal Plaza
New York, New York 10278
(212) 264-5175
New Jersey, New York, Puerto Rico,
Virgin Islands

☐ EPA REGION III
841 Chestnut Street
Philadelphia, Pennsylvania 19107
(215) 597-9336
Delaware, Maryland, Pennsylvania,
Virginia, West Virginia,
District of Columbia

☐ EPA REGION IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
(404) 347-3016
Alabama, Florida, Georgia
Kentucky, Mississippi, North
Carolina, South Carolina, Tennessee

■ EPA REGION V
230 South Dearborn Street
Chicago, Illinois 60604
(312) 353-2000
Illinois, Indiana, Michigan,
Minnesota, Ohio, Wisconsin

☐ EPA REGION VI
1201 Elm Street
Dallas, Texas 75270
(214) 767-2600
Arkansas, Louisiana, New Mexico,
Oklahoma, Texas

☐ EPA REGION VII
726 Minnesota Avenue
Kansas City, Kansas 66101
(913) 236-2800
Iowa, Kansas, Missouri, Nebraska

☐ EPA REGION VIII
One Denver Place
999 18th Street, Suite 1300
Denver, Colorado 80202-2413
(303) 293-1502
Colorado, Montana, North Dakota,
South Dakota, Utah, Wyoming

☐ EPA REGION IX
215 Freemont Street
San Francisco, California 94105
(415) 974-7472
Arizona, California, Hawaii,
Nevada, American Samoa, Guam,
Trust Territories of the Pacific

☐ EPA REGION X
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-2777
Alaska, Idaho, Oregon, Washington

RE: Section 268.8 (a)(1) Demonstration and Certification

This demonstration and certification is submitted pursuant to 40 CFR 268. 8(a)(1).
It is submitted in connection with a hazardous waste stream generated at this facility. The stream(s) is classified by EPA waste code number (see below) which is a "First Third" soft hammer waste. Pursuant to section 268.8 we have made an effort to locate treatment or recovery facilities which provide the greatest environmental benefit.
Because this stream is an organic stream, the greatest environmental benefit would be provided by RCRA authorized incineration which destroys the hazardous constituents. Since such treatment is available, we have contracted with a RCRA authorized incineration facility for treatment of the waste by incineration. That facility is:

■ Rollins Environmental Services (LA) Inc.
Baton Rouge, LA
EPA ID#: LAD010395127

☐ Rollins Environmental Services (NJ) Inc.
Bridgeport, NJ
EPA ID#: NJD053288239

☐ Rollins Environmental Services (TX) Inc.
Houston, TX
EPA ID#: TXD055141378

☐ OTHER
_____
_____

The restricted waste is properly classified by the following EPA waste numbers.

Check off appropriate waste numbers.

☐ P001	☐ P058	☐ P102	☐ U031	☐ U066	☐ U129	☐ U185	☐ U228
☐ P004	☐ P059	■ P105	☐ U036	☐ U067	☐ U130	■ U188	☐ U237
☐ P005	☐ P063	☐ P108	☐ U037	☐ U074	■ U133	☐ U192	☐ U238
☐ P016	☐ P068	☐ P123	☐ U041	☐ U077	☐ U134	☐ U200	☐ U248
☐ P018	☐ P069	☐ U007	☐ U043	☐ U078	☐ U137	■ U209	☐ OTHER
☐ P020	☐ P070	☐ U009	☐ U044	☐ U086	■ U154	■ U210	☐ ____
■ P030	☐ P071	☐ U010	☐ U046	☐ U089	☐ U155	■ U211	☐ ____
☐ P036	☐ P081	☐ U012	☐ U050	☐ U103	☐ U157	☐ U219	☐ ____
☐ P037	☐ P082	☐ U016	☐ U051	☐ U105	☐ U158	■ U220	☐ ____
☐ P039	☐ P084	☐ U018	■ U053	☐ U108	☐ U159	☐ U221	☐ ____
☐ P041	☐ P089	☐ U019	☐ U061	☐ U115	☐ U171	☐ U223	☐ ____
☐ P048	☐ P094	☐ U022	☐ U063	■ U122	☐ U177	☐ U226	☐ ____
☐ P050	☐ P097	■ U029	☐ U064	☐ U124	☐ U180	☐ U227	☐ ____

IF ANY OF THE ABOVE BOXES ARE CHECKED, GENERATOR MUST SIGN BELOW STATEMENT.

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 waste (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 penalities for submitting false information, including the possibility of fine and imprisonment.

MILES INC
COMPANY

IND005068705
EPA ID#

Very truly yours,

L. H. Beckwith
REPRESENTATIVE

cc: To disposal facility, local Rollins CHEMPAK office

REGIONAL ADMINISTRATOR
U. S. Environmental Protection Agency
Check Region

CHEMICAL STABILIZATION/LANDFILL STREAMS

[ ] EPA REGION 1
JFK Federal Building
Boston, Massachusetts 02203
(617) 223-2468
Connecticut, Massachusetts, Maine
New Hampshire, Rhode Island, Vermont

[ ] EPA REGION II
26 Federal Plaza
New York, New York 10278
(212) 264-5175
New Jersey, New York, Puerto Rico,
Virgin Islands

[ ] EPA REGION III
841 Chestnut Street
Philadelphia, Pennsylvania 19107
(215) 597-9336
Delaware, Maryland, Pennsylvania,
Virginia, West Virginia,
District of Columbia

[ ] EPA REGION IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
(404) 347-3016
Alabama, Florida, Georgia
Kentucky, Mississippi, North
Carolina, South Carolina, Tennessee

[ ] EPA REGION V
230 South Dearborn Street
Chicago, Illinois 60604
(312) 353-2000
Illinois, Indiana, Michigan,
Minnesota, Ohio, Wisconsin

[ ] EPA REGION VI
1201 Elm Street
Dallas, Texas 75270
(214) 767-2600
Arkansas, Louisiana, New Mexico,
Oklahoma, Texas

[ ] EPA REGION VII
726 Minnesota Avenue
Kansas City, Kansas 66101
(913) 236-2800
Iowa, Kansas, Missouri, Nebraska

[ ] EPA REGION VIII
One Denver Place
999 18th Street, Suite 1300
Denver, Colorado 80202-2413
(303) 293-1502
Colorado, Montana, North Dakota,
South Dakota, Utah, Wyoming

[ ] EPA REGION IX
215 Freemont Street
San Francisco, California 94105
(415) 974-7472
Arizona, California, Hawaii,
Nevada, American Samoa, Guam,
Trust Territories of the Pacific

[ ] EPA REGION X
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-2777
Alaska, Idaho, Oregon, Washington

RE: Section 268.8 (a)(1) Demonstration and Certification

This demonstration and certification is submitted pursuant to 40 CFR 268.8(a)(2)(ii). It is submitted in connection with a hazardous waste stream generated at this facility. The stream is classified by EPA waste code number (see below), which is a "first third" "soft hammer" waste. Pursuant to Section 268.8 we have made an effort to locate treatment or recovery facilities which provide the greatest environmental benefit. The hazardous constituents in this stream are metals. Based on our effort to locate treatments and facilities, we have concluded that chemical stabilization would provide the greatest environmental benefit. Since such treatment is available, we have contracted with a RCRA authorized facility for treatment of this waste by chemical stabilization. That facility is:

[x] Rollins Environmental Services (LA) Inc.
Baton Rouge, LA
EPA ID#: LAD010395127

[ ] OTHER

The restricted waste is properly classified by the following EPA waste numbers.

Check off appropriate boxes.

[x] P010	[ ] P110	[ ] K004WW	[ ] K084
[ ] P011	[ ] P115	[ ] K008WW	[ ] K086 (Non-solvent wash subcategory)
[x] P012	[x] P120	[ ] K021WW	[ ] K100WW
[ ] P015	[ ] P122	[ ] K025WW	[ ] K101NWW (More than 1% As subcategory)
[x] P087	[ ] U151	[ ] K031	[ ] K102NWW (More than 1% As subcategory)
[ ] P092	[ ] U249	[ ] K036WW	[ ] K106
	[ ] F019	[ ] K060WW	

IF ANY OF THE ABOVE BOXES ARE CHECKED OFF, GENERATOR MUST SIGN BELOW

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 waste (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 penalities for submitting false information, including the possibility of fine and imprisonment.

MILES INC
COMPANY

Very truly yours,

L T Beckwith
REPRESENTATIVE

cc: Disposal Facility
Local Rollins CHEMPAK Office

FACILITY NOTIFICATION OF
"RESTRICTED WASTE FOR INCINERATION"

GENERATOR: MILES INC
EPA ID #: IND005068705
GENERATOR ADDRESS: 1127 MYRTLE ST.
ELKHART, IN 46514

STREAM #: BR-33879

Under Manifest Number(s) LA1136113 → LA1136118 we are shipping to you for incineration waste that 40 CFR 268 ☐ applies ☐ does not apply because the waste stream is:
(If answer is "DOES NOT" skip sections A, B, C and sign)

(A) ☐ SOLVENT/DIOXIN

■ "FIRST THIRD"

☐ CALIFORNIA LIST (check off constituents)

☐ Free cyanides equal or greater than 100 mg/l

Metals or compounds (equal or greater than)

☐ As	500 mg/l	☐ Hg	20 mg/l
☐ Cd	100 mg/l	☐ Ni	134 mg/l
☐ Cr	500 mg/l	☐ Se	100 mg/l
☐ Pb	500 mg/l	☐ Th	130 mg/l

■ CALIFORNIA LIST (continued)

■ pH ≤ 2.0

☐ PCB ≥ 50ppm

☐ Total HOC's ≥ 1000 mg/kg including:

a. Waste water ≥ 1000 < 10,000 mg/kg HOC's.

b. Non-waste water liq. hazardous waste (including free liquids) with HOC's ≥ 1000 mg/kg

c. Solid hazardous waste with HOC's ≥ 1000 mg/kg.

(B) The restricted waste is properly classified by the following EPA waste numbers.

☐ F001	☐ P001	☐ P058	☐ P102	☐ U031	☐ U066	☐ U129	☐ U185	☐ U228
☐ F002	☐ P004	☐ P059	■ P105	☐ U036	☐ U067	☐ U130	■ U188	☐ U237
☐ F003	☐ P005	☐ P063	☐ P108	☐ U037	☐ U074	■ U133	☐ U192	☐ U238
☐ F004	☐ P016	☐ P068	☐ P123	☐ U041	☐ U077	☐ U134	☐ U200	☐ U248
☐ F005	☐ P018	☐ P069	☐ U007	☐ U043	☐ U078	☐ U137	■ U209	☐ OTHER
	☐ P020	☐ P070	☐ U009	☐ U044	☐ U086	■ U154	■ U210	☐ _____
☐ F020	■ P030	☐ P071	☐ U010	☐ U046	☐ U089	☐ U155	■ U211	☐ _____
☐ F021	☐ P036	☐ P081	☐ U012	☐ U050	☐ U103	☐ U157	☐ U219	☐ _____
☐ F022	☐ P037	☐ P082	☐ U016	☐ U051	☐ U105	☐ U158	■ U220	☐ _____
☐ F023	☐ P039	☐ P084	☐ U018	■ U053	☐ U108	☐ U159	☐ U221	☐ _____
☐ F026	☐ P041	☐ P089	☐ U019	☐ U061	☐ U115	☐ U171	☐ U223	☐ _____
☐ F027	☐ P048	☐ P094	☐ U022	☐ U063	■ U122	☐ U177	☐ U226	☐ _____
☐ F028	☐ P050	☐ P097	■ U029	☐ U064	☐ U124	☐ U180	☐ U227	☐ _____

(C) The waste stream(s) must be incinerated because:

☐ (1) Incineration is the treatment technology prescribed by 40 CFR 268.42 (for PCB's and after Nov 8, 1988 wastes except wastewater containing total HOC's equal to or greater than 1000 mg/kg). *PCB's RES(TX) only.

■ (2) The stream is a F001-F005 and/or a "First Third" waste containing organics or other non-metals and the constituent(s) must be treated to at least the levels identified in the attached table (CCW or CCWE).

☐ (3) The stream is a liquid hazardous waste that is primarily water and contains HOCs in total concentration greater than or equal to 1,000 mg/l and less than 10,000 mg/l. It must be treated to less than 1,000 mg/l.

■ (4) The stream is a "Soft Hammer" waste containing organics or other non-metals and must be treated by the best treatment practically available. Attached is a copy of the signed/dated Demonstration and Certification as per 40 CFR 268. 8 (a)(1).

FACILITY NOTIFICATION OF
"RESTRICTED WASTE FOR INCINERATION"
(FOR F001-F005 WASTES)
(CHECK OFF CONSTITUENTS)

TABLE CCWE-CONSTITUENT IN WASTE EXTRACT

F001-F005 SPENT SOLVENTS	CONCENTRATION (IN mg/l) WASTEWATERS CONTAINING SPENT SOLVENTS	ALL OTHER SPENT SOLVENT WASTES
Acetone	( ) 0.05	( ) 0.59
n-Butyl alcohol	( ) 5.0	( ) 5.0
Carbon disulfide	( ) 1.05	( ) 4.81
Carbon tetrachloride	( ) .05	( ) .96
Chlorobenzene	( ) .15	( ) .05
Cresols (and cresylic acid)	( ) 2.82	( ) .75
Cyclohexanone	( ) .125	( ) .75
1,2 - dichlorobenzene	( ) .68	( ) .125
Ethyl acetate	( ) .05	( ) .75
Ethyl benzene	( ) .05	( ) .053
Ethyl ether	( ) 5.0	( ) 5.0
Isobutanol	( ) .25	( ) .75
Methanol	( ) .25	( ) .75
Methylene chloride	( ) .20	( ) .96
Methylene chloride (from the pharmaceutical industry)	( ) 12.7	( ) .96
Methyl ethylketone	( ) 0.05	( ) 0.75
Methylisobutyl ketone	( ) 0.05	( ) 0.33
Nitrobenzene	( ) 0.65	( ) 0.125
Pryidine	( ) 1.12	( ) 0.33
Tetrachloroethylene	( ) 0.079	( ) 0.05
Toluene	( ) 1.12	( ) 0.33
1, 1, 1 - Trichloroethane	( ) 1.05	( ) 0.41
1, 2, 2 - Trichloro -	( ) 1.05	( ) 0.96
1, 2, 2 trifluroethane	( ) 1.05	( ) 0.96
Trichloroethylene		
Trichlorofluoromethane	( ) 0.062	( ) 0.091
Xylene	( ) 0.05	( ) 0.15

Authorized Representative Signature LFBeckwith

Print or Type Name Lowell F. Beckwith

Title SUPT. WWTP Date 6-7-89

This waste stream also includes other waste numbers for incineration and/or landfill for which there are no current land restrictions. They are:

U213, U112, U239, U001, U098, U147, P064, U201, U197, U170, P119, P075, U021, P121, U216, P106, U214, P098, U246, U328, U132, U165 P003, U003, U056,

LAND DISPOSAL RESTRICTIONS INFORMATION
"RESTRICTED WASTE FOR LANDFILL"

GENERATOR: MILES INC
EPA ID #: IND005068705
GENERATOR ADDRESS:
1127 MYRTLE ST
ELKHART, IN 46514

STREAM #: BR-33879

Under Manifest Number(s) LA1136113 → LA1136118 we are shipping to you for landfilling waste that 40 CFR 268 ■ applies ☐ does not apply because the waste stream is: (If answer is "DOES NOT" skip sections A, B, C and sign)

(A) ☐ SOLVENT/DIOXIN

■ "FIRST THIRD"

■ CALIFORNIA LIST (check off constituents)

☐ Free cyanides equal or greater than 100 mg/l

■ Metals or compounds (equal or greater than)

☐ As	500 mg/l	☐ Hg	20 mg/l
☐ Cd	100 mg/l	☐ Ni	134 mg/l
■ Cr	500 mg/l	☐ Se	100 mg/l
☐ Pb	500 mg/l	☐ Th	130 mg/l

■ CALIFORNIA LIST (continued)

■ pH ≤ 2.0

☐ PCB ≥ 50ppm

☐ Total HOC's ≥ 1000 mg/kg including:

a. Waste water ≥ 1000 < 10,000 mg/kg HOC's.

b. Non-waste water liq. hazardous waste (including free liquids) with HOC's ≥ 1000 mg/kg

c. Solid hazardous waste with HOC's ≥ 1000 mg/kg.

(B) This stream can be ☐ directly landfilled or ■ chemically stabilized/landfilled because:

☐ 1. The generator has been granted by EPA, for this waste, a time extension under 40 CFR 268.5 or a "treatability variance" under 40 CFR 268.44 (Attach a copy of the EPA approval).

☐ 2. The stream does not exceed the treatment standard specified in either Table CCW or Table CCWE (see attachment) of 40 CFR 268. AUTHORIZE GENERATOR REPRESENTATIVE MUST SIGN REQUIRED CERTIFICATION ON PAGE 2.

☐ 3. The waste is contaminated soil or debris from (a) a response action under CERCLA at _____, or (b) a corrective action pursuant to EPA 3008 (h) Order # _____. (This exemption is valid until Nov 8, 1990, the waste can be landfilled only in an MTR unit).

■ 4. The waste is a California List stream and can be chemically stabilized because:

☐ *a. The waste is a hazardous wastewater containing HOCs in total conc. > or = to 1,000 mg/kg, but less than 10,000 mg/l, and has been treated to < 1,000 mg/l.

☐ b. The metal or free cyanides indicated has been treated down to a conc. not exceeding the shown value.

☐ c. The pH level has been treated to above 2.0.

■ **d. The waste (1) ☐ is or (2) ■ will be chemically stabilized to a non-liquid (including free liquids). IF (1) IS CHECKED, GENERATOR MUST SIGN REQUIRED CERTIFICATION ON PAGE 2.

☐ e. The waste is a contaminated soil and can be landfilled in an MTR unit until July 8, 1989.

☐ 5. The waste is a First Third stream and can be landfilled in an MTR unit because:

☐ a. It is a K048-K052 or K071 stream, and therefore may be landfilled until August 8, 1990.

☐ b. It is soil contaminated with a K001, K015, K016, K018-20, K022, K024, K030, K037, K083, K086, K087, K101 or K102, and may therefore be landfilled until August 8, 1990.

* Variance valid until July 8, 1989.

** Variance not valid for PCB's and after November 8, 1988 HOC containing waste.

LAND DISPOSAL RESTRICTIONS INFORMATION
"RESTRICTED WASTE FOR LANDFILL"

■ c. It is a "soft hammer" waste (see below) which does not contain organics or other non-metals and it can be chemically stabilized and landfilled. Attached is a copy of the signed Demonstration and Certification as per 40 CFR 268.8(a)(1).

■ P010	☐ P110	☐ K004WW	☐ K084
☐ P011	☐ P115	☐ K008WW	☐ K086 (Non-solvent wash subcategory)
■ P012	■ P120	☐ K021WW	☐ K100WW
☐ P015	☐ P122	☐ K025WW	☐ K101NWW (More than 1% As subcategory)
■ P087	☐ U151	☐ K031	☐ K102NWW (More than 1% As subcategory)
☐ P092	☐ U249	☐ K036WW	☐ K106
	☐ F019	☐ K060WW	

☐ d. Treatment standards for this waste category have been established for metals in Table CCW or CCWE of 40 CFR 268 (see attachment). RES has agreed to meet those treatment standards.

Generator Signature: LF Beckwith
Print or type name: Lowell F Beckwith
Title: SUPT WWTP Date: 6-2-89

If paragraph B, item 2 or item 4d(1) is checked, generator must complete the following:

GENERATOR CERTIFICATION THAT WASTE MEETS TREATMENT STANDARD FOR LANDFILLING (40 CFR 268.7 (a) (2) (ii)

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. The applicable treatment standard and all applicable prohibitions are set forth below.

Applicable Treatment Standards (use reverse side for additional constituents):

CONSTITUENT	TREATMENT STANDARDS	PER TABLE CCW	PER TABLE CCWE

Applicable Prohibition (California List):

_____, _____, _____,
_____, _____, _____,
_____.

Authorized Representative:
Signature: _____ Date: _____

Print Name: _____ Title: _____

K020 nonwastewater	Concentration (mg/kg)
1,2-Dichloroethane	6.0
1,1,2,2-Tetrachloroethane	5.6
Tetrachloroethane	6.0

K020 wastewater	Concentration (mg/l)
1,2-Dichloroethane	0.007
1,1,2,2-Tetrachloroethane	.007
Tetrachloroethane	.007

K022 nonwastewaters (see also table CCWE in § 268.41)	Concentration (mg/kg)
Acetophenone	19
Sum of Diphenylamine and Diphenylnitrosamine	13
Phenol	12
Toluene	0.034

K024 nonwastewaters	Concentration (mg/kg)
Phthalic acid	26

K024 wastewaters	Concentration (mg/l)
Phthalic acid	0.54

K030 nonwastewaters	Concentration (mg/kg)
Hexachlorobutadiene	5.6
Hexachloroethane	28
Hexachloropropene	19
Pentachlorobenzene	28
Pentachloroethane	5.6
1,2,4,5-Tetrachlorobenzene	14
Tetrachlorethane	6.0
1,2,4-Trichlorobenzene	19

K030 wastewaters	Concentration (in mg/l)
o-Dichlorobenzene	.008
p-Dichlorobenzene	.008
Hexachlorobutadiene	.007
Hexachloroethane	.007
Pentachloroethane	.007
1,2,4,5-Tetrachlorobenzene	.017
Tetrachlorethane	.007
1,2,4-Trichlorobenzene	.023

K037 nonwastewaters	Concentration (in mg/kg)
Disulfoton	0.1
Toluene	28

K037 wastewaters	Concentration (in mg/l)
Disulfoton	0.003
Toluene	.028

K062 wastewaters	Concentration (in mg/l)
Chromium (total)	0.32
Lead	.04
Nickel	.44

K086 nonwastewaters (Solvent Washes subcategory) see also Table CCWE in § 268.41)	Concentration (mg/kg)
Acetone	0.37
bis (2-ethylhexyl)phthalate	.49
n-Butyl alcohol	.37
Cyclohexanone	.49
1,2-Dichlorobenzene	.49
Ethyl acetate	.37
Ethyl benzene	.031
Methanol	.37
Methyl chloride	.037
Methyl ethyl ketone	.37
Methyl isobutyl ketone	.37
Naphthalene	.49
Nitrobenzene	.49
Toluene	.031
1,1,1-Trichloroethane	.044
Trichloroethylene	.031
Xylenes	.015

K086 wastewaters (Solvent Washes Subcategory)	Concentration (mg/l)
Acetone	0.15
bis (2-ethylhexyl)phthalate	.044
n-Butyl alcohol	.031
Cyclohexanone	.022
1,2-Dichlorobenzene	.044
Ethyl acetate	.031
Ethyl benzene	.015
Methanol	.031
Methylene chloride	.031
Methyl ethyl ketone	.031
Methyl isobutyl ketone	.031
Naphthalene	.044
Nitrobenzene	.044
Toluene	.029
1,1,1-Trichloroethane	.031

K086 wastewaters (Solvent Washes Subcategory) (Con't)	Concentration (mg/l)
Trichloroethylene	.029
Xylenes	.015
Chromium (Total)	.32
Lead	.037

K087 nonwastewaters (see also Table CCWE in § 268.41)	Concentration (in mg/kg)
Acenaphthalene	3.4
Benzene	0.071
Chrysene	3.4
Fluoranthene	3.4
Indeno (1,2,3-cd) pyrene	3.4
Naphthalene	3.4
Phenanthrene	3.4
Toluene	0.65
Xylenes	0.070

K087 wastewaters	Concentration (in mg/l)
Acenaphthalene	0.028
Benzene	.014
Chrysene	.028
Fluoranthene	.028
Indeno (1,2,3-cd) pyrene	.028
Naphthalene	.028
Phenanthrene	.028
Toluene	.008
Xylenes	.014
Lead	.037

K099 nonwastewaters	Concentration (in mg/kl)
2,4-Dichlorophenoxyacetic acid	1.0
Hexachlorodibenzo-p-dioxins	.001
Hexachlorodibenzofurans	.001
Pentachlorodibenzo-p-dioxins	.001
Pentachlorodibenzofurans	.001
Tetrachlorodibenzo-p-dioxins	.001
Tetrachlorodibenzofurans	.001

K099 wastewaters	Concentration (in mg/l)
2,4-Dichlorophenoxyacetic acid	1.0
Hexachlorodibenzo-p-dioxins	.001
Hexachlorodibenzofurans	.001
Pentachlorodibenzo-p-dioxins	.001
Pentachlorodibenzofurans	.001
Tetrachlorodibenzo-p-dioxins	.001
Tetrachlorodibenzofurans	.001

K101 wastewaters (Low Arsenic Subcategory < 1% total arsenic) (see also Table CCWE in § 268.41)	Concentration (mg/kg)
Ortho-Nitroaniline	14

K101 wastewaters	Concentration (in mg/l)
Ortho-Nitroaniline	0.27
Arsenic	2.036
Cadmium	.24
Lead	.11
Mercury	.027

K102 non wastewaters (Low arsenic Subcategory < 1% total arsenic) (see also Table CCWE in § 268.41)	Concentration (mg/kg)
Ortho-Nitrophenol	13

K102 wastewaters	Concentration (in mg/l)
Ortho-Nitrophenol	0.028
Arsenic	2.01
Cadmium	.24
Lead	.11
Mercury	.027

K103 and K104 nonwastewaters	Concentration (in mg/kg)
Aniline	5.6
Benzene	6.0
2,3-Dinitrophenol	5.6
Nitrobenzene	5.6
Phenol	5.6
Total Cyanides (for K104 only)	1.8

K103 and K104 wastewaters	Concentration (in mg/l)
Aniline	4.9
Benzene	1.5
2,3-Dinitrophenol	.61
Nitrobenzene	.07
Phenol	1.43
Total Cyanides (for K104 only)	2.7

K101 and K102 nonwastewaters (Low Arsenic subcategory < 1% Total Arsenic) See also table CCW in § 268.43)	Concentration (in mg/l)
Cadmium	0.066
Chromium (total)	5.2
Lead	.51
Nickel	.32

§ 268.41 Treatment standards expressed as concentrations in waste extract.

(a) Table CCVE identifies the restricted wastes and the concentrations of their associated hazardous constituents which may nt be exceeded by the extract of a waste or waste treatment residual developed using the test method in Appendix I of 40 CFR 258, the Toxicity Characteristic Leaching Procedure (TCLP), for the allowable land disposal of such waste.

F020-F023 and F026-F028 Dioxin Containing Wastes	Concentration
HxCDD-All Hexachlorodibenzo-p-dioxins	<1 ppb
HxCDF-All Hexachlorodibenzofurans	<1 ppb
PeCDD-All Pentachlorodibenzo-p-dioxins	<1 ppb
PeCDF-All Pentachlorodibenzofurans	<1 ppb
TCDD- All Tetrachlorodibenzo-p-dioxins	<1 ppb
TCDF- All Tetrachlorodibenzofurans	<1 ppb
2, 4, 5-Trichlorophenol	<0.05 ppm
2, 4, 6-Trichlorophenol	<0.05 ppm
2, 3, 4, 6-Tetrachlorophenol	<0.05 ppm
Pentachlorophenol	<0.01 ppm

F006 nonwastewaters (see table CCV in § 268.43)	Concentration (in mg/l)
Cadmium	0.066
Chromium (total)	5.2
Lead	.51
Nickel	.32
Silver	0.72
Cyanide (total)	Reserved

K001 nonwastewaters (see also table CCV in § 268.43)	Concentration (in mg/l)
Lead	0.51

K022 nonwastewaters (see also table CCV in § 268.43)	Concentration (in mg/l)
Chromium (total)	5.2
Nickel	0.32

K046 nonwastewaters (non reactive subcategory)	Concentration (in mg/l)
Lead	0.18

K061 nonwastewaters (Low Zinc Subcategory - < 15% total zinc)	Concentration (in mg/l)
Cadmium	0.14
Chromium (total)	5.2
Lead	.24
Nickel	.32

K061 nonwastewaters (High Zinc Subcategory - 15% or greater total zinc): eff until 8/8/88	Concentration (in mg/l)
Cadmium	0.14
Chromium (total)	5.2
Lead	.24
Nickel	.32

K062 nonwastewaters	Concentration (in mg/l)
Chromium (total)	0.094
Lead	0.37

K086 nonwastewaters (solvent washes subcategory) (see also table CCV in § 268.43)	Concentration (in mg/l)
Chromium (total)	0.094
Lead	.37

K087 nonwastewaters (see also table CCV in § 268.43	Concentration (in mg/l)
Lead	0.51

§ 268.43 Treatment standards expressed as waste concentrations

Table CCV identifies the restricted wastes and the concentration of thier associated hazardous constituents which may not be exceeded by the waste or treatment residual (not an extract of such waste or residual) for the allowable land disposal of such waste or residual).

TABLE CCV-CONSTITUENT
CONCENTRATION IN WASTES

F001, F002, F003, F004 and F005 wastewaters (Pharmaceutical Industry)	Concentration (mg/l)
Methylene chloride	0.44

F006 nonwastewaters (see also Table CCVE in § 268.41	Concentration (mg/l)
Cyanides (Total)	Reserved

K001 nonwastewaters (see also Table CCVE in § 268.41)	Concentration (mg/l)
Naphthalene	8.0
Pentachlorophenol	37
Phenanthrene	8.0
Pyrene	7.3
Toluene	.14
Xylenes	.16

K001 wastewaters	Concentration (mg/l)
Naphthalene	0.15
Pentachlorophenol	.08
Phenanthrene	0.15
Pyrene	0.14
Toluene	0.14
Xylenes	0.16
Lead	.037

K015 wastewaters	Concentration (mg/l)
Anthracene	1.0
Benzal chloride	.28
Benzo (b and/or k) fluoranthene	.29
Phenanthrene	.27
Toluene	.15
Chromium (total)	.32
Nickel	.44

K016 nonwastewaters	Concentration (mg/l)
Hexachlorobenzene	28
Hexachlorobutadiene	5.6
Hexachlorocyclopentadiene	5.6
Hexachloroethane	28
Tetrachloroethene	6.0

K016 wastewaters	Concentration (mg/l)
Hexachlorobenzene	0.033
Hexachlorobutadiene	0.007
Hexachlorocyclopentadiene	0.007
Hexachloroethane	0.033
Tetrachloroethene	0.007

K018 nonwastewaters	Concentration
Chloroethane	6.0
1,1-Dichloroethane	6.0
1,2-Dichloroethane	6.0
Hexachlorobenzene	28
Hexachlorobutadiene	5.44
Hexachloroethane	28
Pentachloroethane	5.6
1,1,1-Trichloroethane	6.0

K018 wastewaters	Concentration (mg/l)
Chloroethane	0.007
1,1-Dichloroethane	0.007
1,2-Dichloroethane	0.007
Hexachlorobenzene	0.007
Hexachlorobutadiene	0.033
Hexachloroethane	0.007
Pentachloroethane	0.007
1,1,1-Trichloroethane	0.007

K019 nonwastewater	Concentration (mg/kg)
Bis (2-chloroethyl) ether	5.6
Chlorobenzene	6.0
Chloroform	6.0
1,2-Dichloroethane	6.0
Hexachloroethane	28
Naphthalene	5.6
Phenanthrene	5.6
Tetrachloroethene	6.0
1,2,4-Trichlorobenzene	19
1,1,1-Trichloroethane	6.0

K019 wastewater	Concentration (mg/l)
Bis (2-chloroethyl) ether	.007
Chlorobenzene	.006
Chloroform	.007
p-1,2-Dichlorobenzene	.008
1,2-Dichloroethane	.007
Fluorene	.007
Hexachloroethane	.033
Naphthalene	.007
Phenanthrene	.007
1,2,4,5-Tetrachlorobenzene	.017
Tetrachloroethene	.007