PRCCF 1.4

To: Al Gordman
EPA-OTD

DEPARTMENT OF ENVIRONMENTAL QUALITY
Site Inspection Report
Hazardous Waste Generator

Facility Name: PRECISION CAST PARTS CORP.
Address: 4600 S.E. HARNEY DRIVE, PORTLAND, ORE. 97206
Phone: 653-8210 I.D. NO: ORD 009027970
Company Contact: DOUGLAS RICHARDSON ENV. MGR. Date Visited: MAY 11, 1983
By: PETER K. RESSLER
GREGORY D. BAESLER

BACKGROUND

1. Is generator familiar with DEQ and EPA hazardous waste rules? Are rules available?

YES

LEFT 2 COPIES OF DIVISION 63 WITH MR. RICHARDSON.

2. Type of business? Principal products/amount produced? Facility employment?

MANUFACTURER OF LIGHTWEIGHT METAL PARTS PRIMARILY FOR JET ENGINES.

FOUNDRY TYPE OF PRODUCTION PROCESS, USING MOLDED CASTINGS.

NOTE: COMPANY PLANS TO "REMODEL/REBUILD" THIS PLANT IN 2 YEARS. AMONG OTHER THINGS, STORM DRAINAGE TO JOHNSON CREEK FROM THE SITE WILL BE "CHECKED" & CONTROLLED.

3. How registered with DEQ? EPA?

AS HAZARDOUS WASTE GENERATOR.

RECEIVED
Oregon Operations Office
EPA—REGION X

NOTE: FORM 8700-12 (EPA) LEFT w/ MR. RICHARDSON, TO BE SUBMITTED w/ UPDATED INFORMATION ON COMPANY'S HAZ. WASTE STREAM.

Solid Waste Division
Dept. of Environmental Quality
RECEIVED
MAY 26 1983

USEPA SF
1490373

4. Are following plans and procedures adequate (if TSD facility)?

   a. Waste analysis procedures;

   b. Site security;

   c. Inspection plan and records;

   d. Preparedness and prevention;

   e. Contingency plan and emergency procedures;

   f. Personnel training procedures and records;

   g. Closure plan;

   h. Post-closure plan.

NA

5. Fill out WASTE GENERATION AND MANAGEMENT sheet for each hazardous or suspected hazardous waste generated. Similar wastes may be combined onto a single sheet.

6. Conclusion and recommended action:

FACILITY IS BASICALLY IN COMPLIANCE AS A HAZARDOUS WASTE GENERATOR, BUT THE FOLLOWING DISCREPANCIES ARE NOTED:

1. TRICHLOROETHYLENE IS NOT BEING REPORTED TO DEQ – NO MANIFESTS OR QUARTERLY REPORTS RECIEVED LISTING THIS HAZ. WASTE. REQUEST W/IN 20 DAYS A QUARTERLY REPORT DOCUMENTING PAST PRACTICE WITH THIS WASTE (SEE INSPECTION REPORT FOR MORE DETAIL.)

2. DRUMS CONTAINING HAZ. WASTES READY FOR TRANSPORT NOT LABELED W/ WASTE I.D, DATE OF GENERATION, ETC. LABELS ARE ORDERED – OK.

3. RECORDS ON WASTE – MANIFESTS & QUARTERLY REPORTS – ARE KEPT AT THE CORPORATE OFFICES WHICH ARE NOT LOCATED AT THE PLANT/SITE OF GENERATION AS REQUIRED BY EPA & DEQ.

NOTE: PRIOR TO OPERATION OF STILL TO RECLAIM ISOPROPYL ALCOHOL, AUTHORIZATION MUST BE REQUESTED & RECIEVED

HAZARDOUS WASTE GENERATION AND MANAGEMENT

PRECISION CAST PARTS - S.E. HARNEY

Waste No. 1

1. Waste name: PCB

2. Hazard classification: TOXIC

3. Process producing waste:

CAPACITORS AND LIGHT BALLASTS TAKEN OUT OF SERVICE (2-3 lbs EACH)

4. Rate of waste production:

2-3 DRUMS ANNUALLY

5. Waste handling prior to disposal:

INDIVIDUAL UNITS ARE REMOVED AND PLACED IN DRUMS, SEALED AND THEN STORED OUTSIDE IN PAVED, FENCED AREA.

6. Waste disposal practice and manifest:

CHEM-SECURITY TRANSPORTS + MANIFESTS TO CSSI - ARLINGTON.

7. Reporting and recordkeeping:

MANIFESTS SENT INDIVIDUALLY TO DEQ
QUARTERLY REPORTS BEING SUBMITTED TO DEQ.

NOTE: RECORDS ARE KEPT AT CORPORATE OFFICES, 7303 SE LAKE RD, MILWAUKIE, RATHER THAN AT GENERATION FACILITY (SE HARNEY) WHICH IS ~10/15 MIN. AWAY.

HAZARDOUS WASTE GENERATION AND MANAGEMENT

PRECISION CAST PARTS – SE. HARNEY

Waste No. 2

1. Waste name: POTASSIUM HYDROXIDE SOLUTION

2. Hazard classification: CORROSIVE

3. Process producing waste:

POTASSIUM HYDROXIDE IS USED TO SOFTEN & RELEASE BINDERS IN THE WAX MOLDS

4. Rate of waste production:

1800 GAL. EVERY 4-6 WEEKS

5. Waste handling prior to disposal:

PUMPED INTO HOLDING TANK (2200 GAL.) IN FENCED, PAVED LOT.

6. Waste disposal practice and manifest:

EITHER: 1. PUMPED BY SPENCER ENV. SVCS & TRANSPORTED TO TEKTRONIX (BEAVERTON); OR

2. PUMPED BY CHEM-SECURITY & TRANSPORTED TO CSSI AT ARLINGTON

7. Reporting and recordkeeping:

MANIFESTING TO CSSI & TEK OK., QUARTERLY REPORTS TO DEQ

AGAIN, NOTE: RECORDS ARE NOT KEPT AT THE SITE OF GENERATION

HAZARDOUS WASTE GENERATION AND MANAGEMENT

PRECISION CAST PARTS - SE HARVEY

Waste No. 3

1. Waste name: POTASSIUM HYDROXIDE SLUDGE

2. Hazard classification: CORROSIVE

3. Process producing waste:

POTASSIUM HYDROXIDE IS USED TO SOFTEN & RELEASE BINDERS IN WAX MOLDS. SLUDGE IS IN BOTTOM OF TANKS, CONTAINS PEICES OF MOLDS & OTHER SOLIDS & SEMI-SOLIDS.

4. Rate of waste production:

65 DRUMS (55 GAL. EACH) EVERY 90 DAYS.

WAX IS BEING RE-CLAIMED NOW APPLIED TO DEQ FOR TAX CREDITS

5. Waste handling prior to disposal:

REMOVED FROM TANK & POURED INTO DRUMS, THEN SOLIDIFIED WITH DIATOMACEOUS EARTH, THEN STORED IN PAVED, FENCED LOT W/OTHER H.W.

6. Waste disposal practice and manifest:

EITHER: 1. PICKED UP BY CHEM-SECURITY & TRANSPORTED TO CSSI IN ARLINGTON; OR

2. SHIPPED VIA P.I.E. TO ESI IN IDAHO

ESI SUBSIDIARY

7. Reporting and recordkeeping:

MANIFESTED UPON SHIPPING.

SIGNED MANIFESTS KEPT AT CORPORATE OFFICES. (SAME AS #1, 2)

NOTE: DRUMS IN "STORAGE" AREN'T LABELED! DRUMS ARE SPRAYED W/ NAME (I.D.) OF CONTENTS. LABELS ARE ON ORDER BY COMPANY.

NOTE: ALL CONTAMINATED/USED DRUMS GO TO CSSI/ESI. ANY DRUMS PURCHASED ARE FROM MEYERS DRUM. CO.

6/82

HAZARDOUS WASTE GENERATION AND MANAGEMENT

Waste No. 4

1. Waste name: SPENT ACIDS (NITRIC & HYDROFLOURIC)

2. Hazard classification: CORROSIVE

3. Process producing waste:

NITRIC & HYDROFLOURIC ACIDS ARE USED FOR ETCHING PROCESS.

4. Rate of waste production:

VARIABLE

5. Waste handling prior to disposal:

NEUTRALIZED ON SITE TO pH 6-8

6. Waste disposal practice and manifest:

CURRENTLY DISCHARGED TO SANITARY SEWER (POTW) AFTER NEUTRALIZATION.

IN FUTURE MAY BE TRANSPORTED TO TEKTRONIX.

7. Reporting and recordkeeping:

NONE (REQ'D)

NOTE: FACILITY IS CONNECTED TO PORTLAND & MILWAUKEE SANITARY SEWER SYSTEMS.

HAZARDOUS WASTE GENERATION AND MANAGEMENT

PRECISION CAST PARTS - S.E. HARNEY

Waste No. 5

1. Waste name: ISOPROPYL ALCOHOL (SPENT)

2. Hazard classification: IGNITABLE

3. Process producing waste:

USED FOR CLEANING MOLDS.

4. Rate of waste production:

VARIABLE

5. Waste handling prior to disposal:

QUITE A LOT OF" EVAPORATION, REMAINDER WAS GOING TO SANITARY SEWER.

COMPANY PLANS TO RECLAIM THE USABLE PART, WITH A STILL.

6. Waste disposal practice and manifest:

1. SANITARY SEWER
2. RECLAIMATION

7. Reporting and recordkeeping:

NONE

NOTE: PRIOR TO OPERATING THE I.P.A. STILL, NEED AUTHORIZATION OF DEQ. (AS A TREATMENT FACILITY). ALSO, MAY BE ELIGIBLE FOR A TAX CREDIT.

HAZARDOUS WASTE GENERATION AND MANAGEMENT

Waste No. 6

1. Waste name: TRICHLOROETHYLENE

2. Hazard classification: TOXIC

3. Process producing waste:

PARTS CLEANING

4. Rate of waste production:

UKNOWN

5. Waste handling prior to disposal:

UNKNOWN

6. Waste disposal practice and manifest:

COMPANY HAS NOT SENT MANIFESTS OR QUARTERLY REPORTS THAT HAVE LISTED THIS HAZARDOUS WASTE! QUARTERLY REPORTS FROM BARON-BLAKESLEE (LICENSED TREATMENT FACILITY) LIST RECIEVING THIS WASTE FROM PRECISION CAST PARTS:

2-3-83	MANIFEST #	26-0447
1-4-83	"	26-0439
2-3-83	"	26-0420

455 GAL. TOTAL.

7. Reporting and recordkeeping:

NONE RECIEVED.

THIS WASTE SHOULD BE LISTED ON THE EPA FORM 8700-12 AND ALSO ANY WASTE IN FUTURE SHOULD BE REPORTED (THRU MANIFEST & QUARTERLY REPORT) TO DEQ.

6/82