ZD1
Co.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

105 South Meridian Street
P.O. Box 6015
Indianapolis 46206-6015
Telephone 317/232-8603

Office of Solid And Hazardous Waste Management
Special Waste Disposal Approval

Case No. 00220

The following State Permitted Sanitary Landfill

Randolph Farms, Inc., OPP No. 68-1
R. R. 1, Box 76
Modoc, Indiana 47358

is authorized by the Indiana Department of Environmental Management, Office of Solid and Hazardous Waste Management, to dispose of:

20 cubic yards of zinc phosphate sludge cake

from the following generator:

Universal Tool and Stamping Company, Inc.
P.O. Box 100
Butler, Indiana 46721-0100

This approval shall expire on March 31, 1991
Special conditions that apply to this approval are indicated on the reverse side.

Thomas Jackson for
Bruce H. Palin, Acting
Assistant Commissioner for
Solid and Hazardous Waste
Management

4/3/90
Date

An Equal Opportunity Employer

General Conditions That Apply to All Special Waste Approvals:

1. The generator and/or hauler shall provide the landfill with advanced notification of intended disposal.
2. If nuisance or pollution conditions are created, immediate corrective action will be taken by the operator.
3. Waste material accepted under this approval shall be included on the Special Waste Monthly Report to be submitted to this office monthly.
4. This approval will be revoked if the landfill fails to maintain compliance with 329 IAC 2.
5. Any change to the waste stream or to the process that generates the waste stream must be immediately reported to this office in writing.
6. This waste shall not contain free liquids.

Special Conditions That Are Required For Disposal of This Waste Will Be Indicated by the Reviewer's Initials:

___1. This waste shall not present a fire or explosion hazard.
___2. At least one end of the container shall be completely opened so that the waste can be readily identified.
___3. Specific conditions concerning asbestos disposal are attached.

RW 3/27/90	JO 3/29/30	CSR 4/2/90
Reviewer/Date	Section Chief/Date	Branch Chief/Date

CC: Randolph County Health Department
Facility Inspection Section Chief - North
Mr. Jay Prochier, Universal Tool and Stamping

Special Projects Certification Worksheet

Generator Universal Tool & Stamping
Address P.O. Box 100
Butler, In 46721-0100
Waste Zinc Poly sludge
Disposal Site

Date 3/9/90
Certification No. 220
Evaluator R Weiss

Comments: (Provide the necessary information to document your review of the waste. Record all contacts and resources consulted)

3/13 Jay Prosine of Universal Tool. Will call back
Zn is high for Prairie View
May need to select a different site
Zn Poly sludge goes to Adams Central LF
Not plating anymore. Chrome not used, so Co. wants to dispose of this
Spoke to Rosemary. She is to meet with the company tomorrow afternoon. Told Jay that I would need a determination from them that this waste is no longer hazardous

3/19/90 Rosemary & I spoke about her meeting with the company last week. She advised this waste is not in question as a hazardous waste

3/22/90 Spoke to Jay Prosine

002 20

Special Waste Certification Application

Indiana Department of
Environmental Management
Office of Solid and Hazardous Waste Management
105 South Meridian Street
Indianapolis, Indiana 46206
Telephone 317/232-4473

RECEIVED MAR 2 1 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT SOLID & HAZARDOUS WASTE MANAGEMENT

For Office Use Only

- ☐ New Application — Case No.
- ☐ Renewal — Date of Last Lab Analysis
- ☐ Amendment
- ☐ Revisal

Generator Information

Generator Mailing Address	Generator Facility Location
Name Universal Tool & Stamping Co., Inc.	Name Universal Tool & Stamping Co., Inc.
Address P. O. Box 100	Address Main and Commerce Streets
DeKalb / Butler / IN / 46721-0100 (County) (City) (State) (Zip)	DEKALB / Butler / IN / 46721 (County) (City) (State) (Zip)
Technical Contact and Telephone # Rick Monroe, 219/868-2147	Contact and Telephone # SAME

Waste Information

Waste Name: Zinc phosphate sludge cake

Process name:

Brief description of the process: Zinc phosphate coating rinse from parts line to Waste Treatment for proper disposal of non-hazardous sludge cake (special waste) plus treated cleaner dumps

Anticipated quantity and disposal frequency (cubic yards /year): 15 to 20 cubic yards

Type of waste containers (drums, bulk, tolloffs, etc.): roll-offs

Proposed disposal site Prairie View Landfill, St. Joe County, or Randolph County

Generator Signature

I hereby certify that the information in this application is true and accurate to the best of my knowledge, and that this waste is not a hazardous waste as defined in 329 IAC 3.

N. R. Ritenour	N. R. Ritenour	2-23-90
Generator Name(type or print)	Signature	Date
Title		

3/89

Special Waste Certification Application (p2 of 4)

Contractor Information

Applicant (if other than generator)	Proposed Disposal Site
Name	Name Opp No.
Address	Address
(County) / (City) / (State) / (Zip)	(County) / (City) / (State) / (Zip)
Technical Contact and Telephone #	Contact and Telephone #

Sampling and Laboratory Information

Laboratory	Sample Collector
Name Edglo Laboratories	Name Rick Monroe
Address 2107 East Washington	Address P. O. Box 100
Fort Wayne, IN 46803	Butler, IN 46721
ALLEN (County)	DEKALB (County)
Technical Contact and Telephone # Ed Guindon, 219/424-1622	Contact and Telephone # Rick Monroe, 219/868-2147

Renewal Information

Have there been any changes in the process, volumes or raw materials since the last certification? Yes X No____ If yes, attach a brief explanation.

Are you aware of any other facts or circumstances which have, or could have, altered the physical characteristics or chemical composition of the waste? Yes____ No X .
If yes, provide a brief explanation.

Special Waste Certification Application (p4 of 4)

Sample No._____

(for optional* data and restricted waste classification)

(Attach a separate page for each analysis)

Optional* Chemical Criteria				
Chemical	total (mg/kg)	EP Tox (mg/l)	TCLP (mg/l)	Neutral Leachate (mg/l)
Barium	365.7	0.13	< 0.25	<0.25
Boron	74.9	0.56	0.62	0.32
Chlorides	6,036.0	14.7	22.6	102.0
Copper	166.7	0.05	0.06	0.06
Cyanide, Total	8.05	< 0.01	< 0.01	< 0.01
Fluoride	146.3	1.52	1.73	4.24
Iron	36,568.0	0.20	0.18	0.18
Manganese	423.4	6.80	6.58	0.11
Nickel	102.0	1.56	1.44	0.23
Phenols	1.33	NA	NA	0.005
Sodium	14,009.0	211.0	190.0	206.0
Sulfate	47,301.2	1450.0	1380.0	1520.0
Sulfide, Total	265.4	< 0.04	0.24	0.24
Total dissolved solids	NA	8200.0	7940.0	2944.0
Zinc	86,011.0	625.0	652.0	14.3
PCB (mg/kg)		NA	NA	NA
pH	8.30	5.30	5.34	8.44
Antimony	131.8		1.33	
Arsenic	4.79			< 0.001
Cadmium	D .82			0.01
Chromium	1318.0			0.01
Lead	60.77			< 0.02
Mercury	< 0.05			< 0.0005
Selenium	< 0.10			0.004
Silver	59.7			< 0.01

* It may not be necessary to complete this page, but provide all data available. The neutral leachate test is required to determine the restricted waste type classification as defined in 329 IAC 2.

Special Waste Certification Application (p3 of 4) SAMPLE No._____
(Attach a separate page for each analysis)

Analytical Data

Waste Characteristics: (attach MSD Sheets if available)

Physical state: _X_Solid ___Semi-solid ___Liquid ___Powder ___Other

Percent solids 34.46 %

Fire, explosion, or spontaneous ignition hazard? Yes___ No_X_

Does this waste contain: Free liquids?___ PCB's?___ Asbestos?___ Solvents?___

Odor? None_X_ Mild___ Strong___ Describe:

Representative Sampling Information

Date sample was collected: 01/03/90

Was a sampling plan used? Yes___ No___ If so, attach a copy.

Is the sample representative of the waste? YES

Sample type: _X_grab ___composite

Analysis: (attach laboratory sheets and support data)

Laboratory that performed the analysis: EDGLO LABORATORIES, INC.

Is the waste a listed hazardous waste as defined in 329 IAC 3? Yes___ No_X_

Ignitability (flash point) (D001) ___ °F (___ °C)

Corrosivity (pH)(D002) 8.30

Reactivity (D003) Total(CN 8.1 ppm S 2,654 ppm) Reactive(CN___ ppm S___ ppm)

Constituent*		Total (mg/kg)	EP Tox (mg/l)	TCLP (mg/l)
Arsenic	D004	4.79	0.055	0.023
Barium	D005	365.7	0.13	< 0.25
Cadmium	D006	10.82	0.06	0.03
Chromium	D007	1318.0	0.07	0.03
Lead	D008	60.77	0.37	< 0.02
Mercury	D009	< 0.05	< 0.004	< 0.0005
Selenium	D010	< 0.10	< 0.002	< 0.002
Silver	D011	59.7	< 0.01	< 0.01
Endrin**	D012			
Lindane**	D013			
Methoxychlor**	D014			
Toxaphene**	D015			
2,4 D**	D016			
2,4,5 TP (Silvex)**	D017			

3/89

*Provide either the EP Tox or TCLP results as appropriate. Total values are acceptable if they are below the RCRA limits.

** If there is a reason to believe that these pesticides are present, then the analytical data is required.