



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Richland County
Compliance Evaluation Inspection
Mansfield Graphics
OH# 004 186 433
Notice of Violation

January 28, 2008

Mr. Jason C. McCarney, General Manager
Mansfield Graphics
127 North Walnut Street
Mansfield, Ohio 44902

Dear Mr. McCarney:

Thank you for accompanying Janis Kielczewski and me during Ohio EPA's January 16, 2008, compliance evaluation inspection of Mansfield Graphics (MG) located at 127 North Walnut Street, Mansfield, Ohio. We inspected MG to determine its compliance with Ohio's hazardous waste laws, as found in Chapter 3734. of the Ohio Revised Code (ORC) and Chapter 3745. of the Ohio Administrative Code (OAC). Our inspection included observations of your company's operations and a review of written documentation.

MG performs Photo Chemical Machining. Acid or alkaline pickling is utilized to remove specified amounts on a metal part. The automated pickling operation is performed within baths on individual units. Hazardous wastes generated at this site include: spent acid (D002, D006, D007, D008 and D010), and waste water treatment sludge (F006). At the time of this inspection you stated that you are acquiring new machines that will etch the metal utilizing non-hazardous constituents. This will eventually reduce your generation of hazardous waste. In addition, you added that spent light bulbs are being disposed of as a solid waste at the present time.

The following violations were found during this inspection. In order to correct these violations, you must do the following and send me the required information **within 30 days** of receipt of this letter.

1. **OAC Rule 3745-52-11. – Hazardous Waste Determination**

Any person who generates a waste must determine if that waste is a hazardous waste in accordance with the criteria for hazardous waste as set forth in Chapter 3745-51 of the Administrative Code.

MG failed to have waste evaluation documentation for the fluorescent bulbs generated at the facility.

MG is currently disposing of their fluorescent bulbs in the trash. MG must cease disposing of their fluorescent bulbs as non-hazardous waste in the local landfill until a proper waste evaluation has been completed.

The waste evaluation can be conducted by taking a representative sample of this waste to properly evaluate this waste stream through a laboratory analysis which lists constituents present and at what concentration. MG must ensure that the laboratory chosen to perform this sampling utilizes the proper method(s) to evaluate these bulbs.

MG must sample the fluorescent bulbs to determine the Toxicity Characteristic Leaching Procedure (TCLP) concentrations of barium (D005), cadmium (D006), lead (D008) and mercury (D009) as listed in OAC Rule 3745-51-24 following the methods as outlined in U.S. EPA's SW-846. MG may run total concentrations for these constituents as a screening tool. If the concentration(s) are detected for any of these constituents at or above the regulatory limit, a TCLP may be required to ensure these constituent(s) are not present above the Ohio EPA regulatory level.

If the bulbs are determined to be hazardous through a proper waste evaluation, MG will have to manage their bulbs either as *1) a universal waste (OAC Chapter 3745-273), or 2) as a hazardous waste under Ohio's generator standards (OAC Chapter 3745-52). MG may recycle their bulbs if they are hazardous or non-hazardous. Ohio EPA would encourage this option as a pollution prevention alternative.*

In lieu of conducting a waste evaluation, MG may choose to manage their bulbs as a universal waste as outlined in OAC Chapter 3745-273. Please consult the fact sheet "Universal Waste Rules for Handlers of Lamps" given to you during the investigation for more information. If you choose this option, please provide me an outline of your universal waste management plan.

To abate this violation, please submit to me your waste evaluation of your lamps or an outline of your universal waste management plan (indicating how you will manage, label, send off-site within one year, where lamps will be recycled, etc.).

2. OAC Rule 3745-52-34(C)(1)(b): Satellite Accumulation Area – Container Labeling

Hazardous waste satellite accumulation containers must be marked with the words "Hazardous Waste" or other words identifying their content.

MG failed to mark two containers of waste water treatment sludge (F006). This violation was abated during this inspection.

3. OAC Rule 3745-66-73(A): Management of Containers

A generator of hazardous waste who stores the waste in containers shall keep the containers always closed during storage, except when it is necessary to add or remove waste.

MG failed to keep six (6) 55-gallon drum containers storing hazardous waste (F006) closed. At the time of this inspection, all of these containers were missing their lid.

This violation was abated during this inspection.

Mr. Jason C. McCarney
January 28, 2008
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As we discussed during the inspection, you may be able to find other ways to reduce the waste your company generates. If you would like more information on topics concerning pollution prevention, you can visit <http://www.epa.state.oh.us/ocapp/ocapp.html>. If you find additional ways to recycle, reduce or altogether eliminate the amount of waste that your company generates, you may be able to reduce treatment and disposal costs. In addition, you may possibly reduce your regulatory requirements.

The Division of Hazardous Waste Management (DHWM) has created an electronic news service to provide you with quick and timely updates on events and news related to hazardous waste activities in Ohio. If you haven't already, we encourage you to sign up for this free service. You can find more information at <http://www.epa.state.oh.us/dhwm/listserv.html>. Please feel free to share this information with your colleagues.

You can find copies of the rules and other information at <http://www.epa.state.oh.us/dhwm>.

Enclosed, you will find a copy of the checklists that I completed during the inspection. Should you have any questions, please feel free to contact me at (419)373-3015.

Sincerely,



Edger V. Pulido
Division of Hazardous Waste Management

/cs

Enclosures

pc: Colleen Weaver, Supervisor, DHWM, NWDO
Cindy Lohrbach, DHWM, NWDO
~~DHWM, NWDO File, Mansfield Graphics, Inc., Richland County~~

ec: Ed Pulido, DHWM, NWDO

NOTICE: Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.

Ohio Environmental Protection Agency
**RCRA SUBTITLE C SITE
IDENTIFICATION/VERIFICATION FORM**

For Ohio EPA use only

E-mail this completed form to
tammy.mcconnell@epa.state.oh.us or mail it to Tammy
McConnell, Central Office

2. Site EPA ID No.	EPA ID Number: OHR004186433									
3. Site Name	Name: Mansfield Graphics					Website: (Optional)				
4. Site Location Information	Street Address: 127 N Walnut Street									
	City, Town, or Village: Mansfield					State: OH				
	County Name: Richland					Zip Code: 44902				
5. Site Land Type (check only one)	Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>		
6. NAICS code(s) www.census.gov/epcd/www/naics.html	332812									
7. Facility Representative Additional names can be recorded in number 12 Only provide address information if it is different than the site address	First Name: Jason			Mi:	Last Name: McCartney					
	Phone Number: (419)525-2511				Phone Number Extension:					
	E-Mail Address:									
	Fax Number:				Fax Number Extension:					
	Street or P.O. Box:									
	City, Town or Village:					State:			Country:	Zip Code:
	Name of Site's Legal Owner: Mansfield Graphics					Date Became Owner (mm/dd/yyyy): 01/01/1991				
8. Legal Owner and Operator of the Site List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Owner Type:	Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	
	Street or P.O. Box: 127 N Walnut Street									
	City, Town or Village: Mansfield				Owner Phone #: (419)525-2511					
	State: Ohio				Country: US		Zip Code: 44902			
	Name of Site's Operator: Electro Prime, Inc.				Date Became Operator (mm/dd/yyyy): 01/01/1991					
	Owner Type:	Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	
	Street or P.O. Box:									
	City, Town or Village:				Operator Phone #:					
State: Ohio				Country: US		Zip Code:				
9. Violations Cited?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
10A. Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes)										
<input type="checkbox"/> Not Regulated				<input type="checkbox"/> Conditionally Exempt Small Quantity Generator						
<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11				<input type="checkbox"/> United States Importer of Hazardous Waste						
<input checked="" type="checkbox"/> Large Quantity Generator (LQG)				<input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator						
<input type="checkbox"/> Small Quantity Generator (SQG)										
<input type="checkbox"/> Hazardous Waste Transporter				<input type="checkbox"/> Exempt Boiler and/or Industrial Furnace						
<input type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste				<input type="checkbox"/> Small Quantity On-Site Burner Exemption						
<input type="checkbox"/> Recycler of Hazardous Waste				<input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption						
<input type="checkbox"/> Underground Injection Control Facility										

10B. Universal Waste Activities (Indicate types of universal waste managed (check all boxes that apply))			
<input type="checkbox"/> Small Quantity Handler of Universal Waste		<input type="checkbox"/> Large Quantity Handler of Universal Waste (accumulates 5,000 kg. or more)	
<input type="checkbox"/> Destination Facility for Universal Waste			
Check all boxes below that apply for each of the three types of facilities above		10C. Used Oil Activities (Indicate Type(s) of Activity(ies))	
	Managed	<input type="checkbox"/> Used Oil Generator	<input type="checkbox"/> Off-Specification Used Oil Burner
Batteries	<input type="checkbox"/>	<input type="checkbox"/> Used Oil Transporter	<input type="checkbox"/> Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil
Pesticides	<input type="checkbox"/>	<input type="checkbox"/> Used Oil Transfer Facility	<input type="checkbox"/> Used Oil Fuel Marketer to Off-Specification Used Oil Burner
Mercury containing equipment	<input type="checkbox"/>	<input type="checkbox"/> Used Oil Processor	
Lamps	<input type="checkbox"/>	<input type="checkbox"/> Used Oil Re-refiner	
11. Waste Codes for Federally Regulated Hazardous Wastes. Please list the codes for the federally regulated hazardous waste handled at the site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRAInfo source record, you do not need to list them all. Instead just indicate the date of the most recent source record.			
D002, D006	D007, D008	D010, F006	
12. Comments: Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.			
Announced	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Facility Representatives:	Jason McCartney
Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other Comments:	
Containers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
13. Name of Inspector(s)		Name of Inspector(s)	Date of Inspection/Time (mm/dd/yyyy) (hh:mm)
Edgar Pulido		Janis Kielczewski	1/16/2008 10:30
14. OPTIONAL CERTIFICATION. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			
Signature of Owner, Operator, or an Authorized Representative		Name and Title (Print)	Date (mm/dd/yyyy)



**LA : QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY**

CESQG: ≤100Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.

SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.

LQG: ≥1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.

NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

GENERAL REQUIREMENTS

- | | | | | | | |
|---|-----|-------------------------------------|----|-------------------------------------|-----|--------------------------|
| 1. Have all wastes generated at the facility been adequately evaluated? [3745-52-11] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| 2. Are records of waste determination being kept for at least 3 years?[3745-52-40(C)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 3. Has the generator obtained a U.S. EPA identification number? [3745-52-12] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 4. Were annual reports filed with Ohio EPA on or before March 1 st ? [3745-52-41(A)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 5. Are annual reports kept on file for at least 3 years?[3745-52-40(B)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 6. Has the generator transported or caused to be transported hazardous waste to other than a facility authorized to manage the hazardous waste? [ORC 3734.02(F)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| 7. Has the generator disposed of hazardous waste on-site without a permit or at another facility other than a facility authorized to dispose of the hazardous waste? [ORC 3734.02(E) & (F)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| 8. Does the generator accumulate hazardous waste? | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |

NOTE: If the LQG does not accumulate or treat hazardous waste, it is not subject to 52-34 standards. All other requirements still apply, e.g., annual reports, manifest, marking, record keeping, LDR, etc.

- | | | | | | | |
|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|
| 9. Has the generator accumulated hazardous waste on-site in excess of 90 days without a permit or an extension from the director ORC §3734.02 (E) & (F)? | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|

NOTE: If F006 waste is generated and accumulated for > 90 days and is recycled see 3745-52-34(G) & (H).

- | | | | | | | |
|---|-----|--------------------------|----|--------------------------|-----|-------------------------------------|
| 10. Does the generator treat hazardous waste in a: [ORC 3734.02(E)&(F)] | | | | | | |
| a. Container that meets 3745-66-70 to 3745-66-77? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97 (C)? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| c. Drip pads that meet 3745-69-40 to 3745-69-45? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| d. Containment building that meets 3745-256-100 to 3745-256-102? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |

NOTE: Complete appropriate checklist for each unit.

NOTE: If waste is treated to meet LDRs, use LDR checklist.

- | | | | | | | |
|---|-----|--------------------------|----|-------------------------------------|-----|-------------------------------------|
| 11. Does the generator export hazardous waste? If so: | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| a. Has the generator notified U.S. EPA of export activity? [3745-52-53(A)] | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| b. Has the generator complied with special manifest requirements? [3745-52-54] | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| c. For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55] | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| d. Has an annual report been submitted to U.S. EPA? [3745-52-56] | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
| e. Are export related documents being maintained on-site? [3745-52-57(A)] | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |

MANIFEST REQUIREMENTS

- | | | | | | | |
|--|-----|-------------------------------------|----|--------------------------|-----|--------------------------|
| 12. Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 13. Have items (1) through (20) of each manifest been completed? [3745-52-20(A)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |

NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations items (21) through (35) must also be completed. [3745-52-20(A)]

- | | | | | | | |
|--|-----|-------------------------------------|----|--------------------------|-----|--------------------------|
| 14. Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
|--|-----|-------------------------------------|----|--------------------------|-----|--------------------------|

NOTE: The generator may designate on the manifest one alternate facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)].

- | | | | | | | |
|---|-----|-------------------------------------|----|--------------------------|-----|--------------------------|
| 15. If the transporter was unable to deliver a shipment of hazardous waste to the designated facility did the generator designate an alternate TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 16. Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1) & (2)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |

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NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have a program in place to reduce the volume and toxicity waste they generate.

17. If the generator did not receive a return copy of each completed manifest within 35 days of the waste being accepted by the transporter did the generator contact the transporter and/or TSD facility to check on the status of the waste? [3745-52-42(A)(1)] Yes No N/A
18. If the generator has not received the manifest within 45 days, did the generator file an exception report with Ohio EPA? [3745-52-42(A)(2)] Yes No N/A
19. Are signed copies of all manifests and any exception reports being retained for at least three years? [3745-52-40] Yes No N/A

NOTE: Waste generated at one location and transported along a publicly accessible road for temporary consolidated storage or treatment on a contiguous property also owned by the same person is not considered "on-site" and manifesting and transporter requirements must be met. To transport "along" a public right-of-way the destination facility has to act as a transfer facility or have a permit because this is considered to be "off-site." For additional information see the definition of "on-site" in OAC rule 3745-50-10.

PERSONNEL TRAINING

20. Does the generator have a training program which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to their positions? [3745-65-16(A)(2)] Yes No N/A
21. Does the personnel training program, at a minimum, include instructions to ensure that facility personnel are able to respond effectively to emergencies involving hazardous waste by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)(a-f)] Yes No N/A
22. Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)] Yes No N/A
23. Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)] Yes No N/A
24. Does the generator provide annual refresher training to employees? [3745-65-16(C)] Yes No N/A
25. Does the generator keep records and documentation of:
- a. Job titles [3745-65-16D(1)]? Yes No N/A
 - b. Job descriptions [3745-65-16D(2)]? Yes No N/A
 - c. Type and amount of training given to each person [3745-65-16D(3)]? Yes No N/A
 - d. Completed training or job experience required [3745-65-16D(4)]? Yes No N/A
26. Are training records for current personnel kept until closure of the facility and are training records for former employees kept for at least three years from the date the employee last worked at the facility? [3745-65-16(E)] Yes No N/A

NOTE: The following section can be used by the inspector to document that all personnel who are involved with hazardous waste management have been trained. The employees who need training (written and/or on-the-job) may include the following: environmental coordinators, drum handlers, emergency coordinators, personnel who conduct hazardous waste inspections, emergency response teams, personnel who prepare manifest, etc.

Job Performed	Name of Employee	Date Trained

CONTINGENCY PLAN

27. Does the owner/operator have a contingency plan to minimize hazards to human health or the environment from fires, explosions or any unplanned release of hazardous waste? [3745-65-51(A)] Yes No N/A
28. Does the plan describe the following:
- a. Actions to be taken in response to fires, explosions or any unplanned release of hazardous waste [3745-65-52(A)]? Yes No N/A
 - b. Arrangements with emergency authorities [3745-65-52(C)]. Yes No N/A
 - c. A current list of names, addresses and telephone numbers (office and home) of all persons qualified to act as emergency coordinator? [3745-65-52(D)] Yes No N/A
 - d. A list of all emergency equipment, including: location, a physical description and brief outline of capabilities? [3745-65-52(E)] Yes No N/A

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e. An evacuation plan for facility personnel where there is possibility that evacuation may be necessary? [3745-65-52(F)] Yes No N/A

NOTE: If the facility already has a "Spill Prevention, Control and Counter measures Plan" under CFR Part 112 or 40 CFR Part 1510, or some other emergency plan, the facility can amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with OAC requirements. [3745-65-52(B)]

29. Is a copy of the plan (plus revisions) kept on-site and been given to all emergency authorities that may be requested to provide emergency services? [3745-65-53 (A) & (B)] Yes No N/A

30. Has the generator revised the plan in response to rule changes, facility, equipment and personnel changes, or failure of the plan? [3745-65-54] Yes No N/A

31. Is an emergency coordinator available at all times (on-site or on-call)? [3745-65-55] Yes No N/A

NOTE: The emergency coordinator shall be thoroughly familiar with: (a) all aspects of the facility's contingency plan; (b) all operations and activities at the facility; (c) the location and characteristics of waste handled; (d) the location of all records within the facility; (e) facility layout; and (f) shall have the authority to commit the resources needed to implement provisions of the contingency plan.

EMERGENCY PROCEDURES

32. Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so: Yes No N/A

a. Was the contingency plan implemented? [3745-65-51(B)] Yes No N/A

b. Did the facility follow the emergency procedures in 3745-65-56(A) through (H)? Yes No N/A

c. Did the facility submit a report to the Director within 15 days of the incident as required by 3745-65-56(J)? Yes No N/A

NOTE: OAC 3745-65-51(b) requires that the contingency plan be implemented immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents, which could threaten human health and the environment.

PREPAREDNESS AND PREVENTION

33. Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31] Yes No N/A

34. Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:

a. Internal communications or alarm system? [3745-65-32(A)] Yes No N/A

b. Emergency communication device? [3745-65-32(B)] Yes No N/A

c. Portable fire control, spill control and decon equipment? [3745-65-32(C)] Yes No N/A

d. Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)] Yes No N/A

NOTE: Verify that the equipment is listed in the contingency plan.

35. Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33] Yes No N/A

36. Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33] Yes No N/A

37. Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (unless the device is not required under 3745-65-32)? [3745-65-34(A)] Yes No N/A

38. If there is only one employee on the premises, is there immediate access to a device (ex. phone, hand held two-way radio) capable of summoning external emergency assistance? (Unless not required under 3745-65-32) [3745-65-34(B)] Yes No N/A

39. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes No N/A

40. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)] Yes No N/A

41. Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)] Yes No N/A

SATELLITE ACCUMULATION AREA REQUIREMENTS

42. Does the generator ensure that satellite accumulation area(s):

a. Are at or near a point of generation? [3745-52-34(C)(1)] Yes No N/A

b. Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)] Yes No N/A

c. Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)] Yes No N/A

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- d. Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)] Yes No N/A
- e. Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)] Yes No N/A
- f. Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)] Yes No N/A
43. Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so: Yes No N/A
- a. Did the generator comply with 3745-52-34(A)(1)through(4) or other applicable generator requirements within three days? [3745-52-34(C)(2)] Yes No N/A
- b. Did the generator mark the container(s) holding excess with the accumulation date when the 55 gallon (one quart) limit was exceeded? [3745-52-34(C)(2)] Yes No N/A

NOTE: The satellite accumulation area is limited to 55 gallons of hazardous waste accumulated from a distinct point of generation in the process under the control of the operator of the process generating the waste (less than 1 quart for acute hazardous waste). There could be individual waste streams accumulated in an area from different points of generation.

USE AND MANAGEMENT OF CONTAINERS IN <90 DAY ACCUMULATION AREAS

44. Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)] Yes No N/A
45. Is the accumulation date on each container? [3745-52-34(A)(2)] Yes No N/A
46. Are hazardous wastes stored in containers which are:
- a. Closed (except when adding/removing wastes)? [3745-66-73(A)] Yes No N/A
- b. In good condition? [3745-66-71] Yes No N/A
- c. Compatible with wastes stored in them? [3745-66-72] Yes No N/A
- d. Handled in a manner which prevents rupture/leakage? [3745-66-73(B)] Yes No N/A

NOTE: Record location on process summary sheets, photograph the area, and record on facility map.

47. Is the container accumulation areas(s) inspected weekly? [3745-66-74] Per ORC§1.44(A) "Week" means 7 consecutive days. Yes No N/A
- a. Are inspections recorded in a log or summary? [3745-66-74] Yes No N/A
48. Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76] Yes No N/A
49. Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)] Yes No N/A
50. If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B)? [3745-66-77(A)] Yes No N/A
51. If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B)? [3745-66-77(B)] Yes No N/A

NOTE: OAC 3745-65-17(B) requires that the generator treat, store, or dispose of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials so that it does not create undesirable conditions or threaten human health or the environment.

52. If the generator has closed a <90 day accumulation area does the closure appear to have met the closure performance standard of 3745- 66-11? [3745-52-34(A)(1)] Yes No N/A

NOTE: Please provide a description of the unit and documentation provided by the generator for the file to demonstrate that closure was completed in accordance with the closure performance standards. If the generator has closed a <90 day tank, closure must also be completed in accordance with OAC 3745-66-97 (except for paragraph C of this rule). [3745-52-34]

PRE-TRANSPORT REQUIREMENTS

53. Does the generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)] Yes No N/A
54. Does each container <110 gallons have a completed hazardous waste label? [3745-52-32(B)] Yes No N/A
55. Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33] Yes No N/A

[Facility Name/Inspection Date]

[ID number]

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LDR CHECKLIST

GENERAL LDR REQUIREMENTS

1. Has the generator adequately evaluated all wastes to determine if they are restricted from land disposal? [3745-270-07(A)(1)] If so: Yes No N/A ___ RMK# ___
- a. For determinations based solely on knowledge of the waste: Is supporting data retained on-site? [3745-270-07(A)(6)] Yes No N/A ___ RMK# ___
- b. For determinations based upon analytical testing: Is waste analysis data retained on-site? [3745-270-07(A)(6)] Yes No N/A ___ RMK# ___
2. Has the generator determined each EPA hazardous waste code applicable to the waste? [3745-270-07(A)(2) see Table 1] Yes No N/A ___ RMK# ___
3. Has the generator determined the correct "treatability group(s)" (e.g., wastewater, non-wastewater, etc.)? [3745-270-07(A), Table 1] Yes No N/A ___ RMK# ___
4. Does the generator generate a characteristic hazardous waste? If so: Yes No ___ N/A ___ RMK# ___
- a. Have all underlying hazardous constituents (UHCs) been identified? [3745-270-09(A)] Yes No N/A ___ RMK# ___

NOTE: *If the waste is D001 non-wastewater treated by CMBST, RORGS, POLYM in Table 1 of Rule 3745-270-42 UHCs do not need to be identified.*

5. Does the generator generate listed waste(s) which also exhibit hazardous characteristics? [3745-270-09] If so: Yes ___ No N/A ___ RMK# ___
- a. Has the generator also identified the appropriate treatment standard(s) for the constituent(s) which cause the waste to exhibit a characteristic? [3745-270-09(A)] Yes ___ No N/A ___ RMK# ___

NOTE: *The generator is not required to identify the treatment standard for the characteristic if the listing covers the associated characteristic (e.g., a F019/D007 hazardous waste - F019 being listed due to chromium content and D007 being the characteristic waste code for chromium). [See OAC Rule 3745-270-09(B)]*

6. Has the generator correctly determined if restricted wastes meet or do not meet treatment standards? [3745-270-07(A)(1)] Yes No ___ N/A ___ RMK# ___

NOTE: *Wastes with EPA hazardous waste numbers K174 and K175 (chlorinated aliphatic wastes) have specific requirements in rule 3745-270-33. Waste with EPA hazardous waste numbers*

K176, K177 and K178 (inorganic chemical wastes) have specific requirements in rule 3745-270-36.

7. Does the owner/operator ensure that restricted wastes or treatment residues are not diluted as a method of achieving/circumventing LDR treatment standards? [3745-270-03] Yes ___ No N/A RMK# ___

NOTE: A generator may dilute a waste (that is hazardous only because it exhibits a characteristic) in a treatment system that discharges to waters of the State pursuant to an NPDES permit (§402 of CWA), that treats waste in a CWA equivalent treatment system, or that treats waste for the purposes of pre-treatment requirements under §307 of CWA, unless a method other than DEACT is specified or the waste is a D003 reactive cyanide wastewater or non-wastewater.[3745-270-03(B)]

8. Is combustion of any of the wastes identified in the Appendix to Rule 3745-270-03 occurring without meeting one or more of the criteria under Rule 3745-270-03(C) upon generation or after treatment? [3745-270-03(C)] Yes ___ No N/A RMK# ___

NOTE: In other words, is combustion a legitimate treatment method.

9. Has the generator added iron to lead-containing hazardous waste in order to achieve LDR treatment standards for lead? [3745-270-03(D)] Yes ___ No N/A RMK# ___

10. Does the facility have a case-by-case extension to the effective date to land dispose of hazardous waste?[3745-270-05] If so: Yes ___ No ___ N/A RMK# ___

- a. The facility can dispose of hazardous waste in a on-site landfill or surface impoundment.[3745-270-05] Yes ___ No N/A RMK# ___

11. Does the facility have an extension to allow for a restricted waste to be land disposed?[3745-270-06] If so: Yes ___ No N/A ___ RMK# ___

- a. The facility can land dispose of the waste. [3745-270-06] Yes ___ No N/A RMK# ___

12. Does the facility treat wastes that are otherwise prohibited from land disposal, in a surface impoundment? If so: Yes ___ No N/A ___ RMK# ___

- a. Has the facility complied with 3745-270-04? Yes ___ No N/A RMK# ___

REMARKS

NOTIFICATION AND CERTIFICATION REQUIREMENTS

13. If a generator's waste or contaminated soil does not meet the treatment standards, does the generator have the paperwork required in Column A of Table 1 of 3745-270-07? [3745-270-07(A)(2)] Yes No N/A RMK#
14. If a generators' waste or contaminated soil meets the treatment standard at the original point of generation, does the generator have the paperwork required in Column B of Table 1 of 3745-270-07? [3745-270-07(A)(3)] Yes No N/A RMK#
15. If a generators' waste is exempt (under 3745-270-05, 3745-270-06, national capacity or case-by-case variance, etc.) does the generator have the paperwork required in Column C of Table 1 of 3745-270-07? [3745-270-07(A)(4)] Yes No N/A RMK#
16. If a generator manages a lab pack containing hazardous waste using the alternative treatment standard in 3745-270-42, does the generator have the paperwork required in Column D of Table 1 of 3745-270-07? [3745-270-07(A)(9)] Yes No N/A RMK#
17. Does the generator produce a waste that is hazardous waste from the point of generation, but subsequently excluded from regulation under OAC 3745-51-02 through 3745-51-06? [3745-270-07(A)(7)] If so: Yes No N/A RMK#
- a. Is a one-time notice placed in the facility's file stating such generation, subsequent exclusion or exemption, and disposition of the wastes? [3745-270-07(A)(7)] Yes No N/A RMK#

NOTE: Examples include hazardous wastes discharged to a POTW or to a surface water under a NPDES permit.(See 270-07(A)(7))

18. Does the generator retain on-site a copy of all notices, certifications, demonstrations and waste analysis data for at least three years from the last shipment of waste sent off-site? [3745-270-07(A)(8)] Yes No N/A RMK#

REMARKS

GENERATORS TREATING HAZARDOUS WASTE

1. Is treatment of hazardous waste occurring to meet the treatment standards in 3745-270-40? Yes ___ No N/A ___ RMK# ___
2. If so, does the generator have a waste analysis plan containing the following requirements? [3745-270-07(A)(5)] Yes ___ No N/A RMK# ___
- a. A detailed chemical and physical analysis of a representative sample of the wastes being treated? [3745-270-07(A)(5)(a)] Yes ___ No N/A RMK# ___
- b. All information necessary to treat the waste(s) in accordance with the requirements of 3745-270, including the selected frequency? [3745-270-07(A)(5)(a)] Yes ___ No N/A RMK# ___
3. Is the WAP on-site in the facility's files and available to inspectors? [3745-270-07(A)(5)(b)] Yes ___ No N/A RMK# ___
4. Has the generator followed their WAP [3745-270-07(A)(5)? Yes ___ No N/A RMK# ___
5. Have the treated wastes met the applicable treatment standards in 3745-270-40? Yes ___ No N/A RMK# ___

NOTE: *If the waste is a characteristic waste, which has been treated to render it non hazardous and subsequently sent to a solid waste landfill, proceed to question 7 & 8.*

6. Has the generator sent a notification and certification with the initial shipment of waste?[3745-270-07(A)(5)(c)] Yes No ___ N/A ___ RMK# ___
7. Does each notification/certification form completed, contain the information found in Table 1 of 3745-270-07? [3745-270-07(A)(5)(c)] Yes ___ No N/A RMK# ___
8. Has the generator, who is treating a characteristic waste, submitted a notification and certification to the director which contains the following: Yes ___ No N/A RMK# ___
- a. Name and address of the facility receiving the waste? [3745-270-09(D)(1)(a)] Yes ___ No N/A RMK# ___
- b. A description of the waste, including EPA hazardous waste codes and treatability group, and UHCs? [3745-270-09(D)(1)(b)] Yes ___ No N/A RMK# ___

NOTE: *If the waste will be treated and monitored for all UHCs then they do not need to be listed on the notice.*

9. Has the process/operation generating the waste or the solid waste landfill facility changed? If so: Yes ___ No ___ N/A RMK# ___
- a. Has the notification and certification been updated in the

generators and treaters files? [3745-270-09(D)]

Yes ___ No N/A RMK# ___

b. Has the director been notified of such changes? [3745-270-09(D)]

Yes ___ No N/A RMK# ___

NOTE: The director need only be notified on an annual basis but no later than December 31.

10. Is the facility treating contaminated soil using the alternative treatment standards in 3745-270-49? If so:

Yes ___ No ___ N/A RMK# ___

a. Has the facility treated the contaminated soil to less than 10 times the Universal Treatment Standards or has a 90% reduction in the total constituent concentrations occurred? [3745-270-49 (C)]

Yes ___ No N/A RMK# ___

11. Does each notification/certification form completed, contain the information found in Table 1? [3745-270-07(A)(3)]

Yes ___ No N/A RMK# ___

NOTE: If the waste will be treated and monitored for all constituents, there is no need to put them all on the LDR notice.

HAZARDOUS DEBRIS

1. Does the material in question meet the definition of hazardous debris as defined in rule 3745-270-02(A)(3)?

Yes ___ No ___ N/A RMK# ___

2. Is the hazardous debris being treated to the waste specific treatment standard in 3745-270-40 to 3745-270-49? (If yes, use the generator checklist.)

Yes ___ No ___ N/A RMK# ___

3. Is the hazardous debris being treated by the alternative treatment standards in 3745-270-45? If so:

Yes ___ No ___ N/A RMK# ___

a. Has the debris or mixtures of debris been treated for each contaminant subject to treatment (toxicity, listed waste and cyanide reactive debris) using one or more of the treatment technologies found in Table 1 in 3745-270-45? [3745-270-45(A)]

Yes ___ No N/A RMK# ___

NOTE: If immobilization has been used in a treatment train, it must be the last treatment technology used.

4. Was the hazardous debris a listed waste treated by an immobilization technology in Table 1? [3745-270-45(A)(1)] If so:

Yes ___ No ___ N/A RMK# ___

a. Was immobilization the last treatment technology used? [3745-

Yes ___ No N/A RMK# ___

270-45(A)(3)]

5. Is the waste a PCB waste under 40 CFR Part 761? If so: Yes ___ No ___ N/A RMK# ___
- a. Has the waste been treated to the most stringent standard in 40 CFR 761 or 3745-270-45? [3745-270-45(A)(5)] Yes ___ No N/A RMK# ___
6. Has the residue from the treatment of hazardous debris been disposed of in accordance with 3745-270-40 to 3745-270-49? [3745-270-45(D)] Yes ___ No N/A RMK# ___
7. Does the owner/operator of a treatment facility that claims the debris is excluded from regulation as a hazardous waste under 3745-51-03(F)(1) maintain the following information? Yes ___ No ___ N/A RMK# ___
- a. Records of all inspections, evaluations, and analyses of treated debris? [3745-270-07(D)(3)(a)] Yes ___ No N/A RMK# ___
- b. Records of key operating parameters of the treatment unit? [3745-270-07(D)(3)(b)] Yes ___ No N/A RMK# ___
- c. A certification statement for each shipment of treated debris? (See 270-07(D)(3)(c) for exact wording) [3745-270-07(D)(3)(c)] Yes ___ No N/A RMK# ___
8. Does the notifications and certifications of an owner/operator who first claims the debris is excluded under 3745-51-03(F)(1) have the following information? [3745-270-07(D)(3)] Yes ___ No ___ N/A RMK# ___
- a. Name and address of licensed solid waste landfill receiving the treated debris? [3745-270-07(D)(1)(a)] Yes ___ No N/A RMK# ___
- b. Description of hazardous debris as initially generated with applicable waste codes? [3745-270-07(D)(1)(b)] Yes ___ No N/A RMK# ___
- c. Technology used from Table 1? [3745-270-07(D)(1)(c)] Yes ___ No N/A RMK# ___
9. Has the above notification been sent to the director? [3745-270-07(D)(1)] Yes ___ No ___ N/A RMK# ___

TREATING FACILITIES WHICH TREAT WASTE TO MEET LDR STANDARDS

1. Does the treating facility test waste according to their waste analysis plan as required in 3745-54-13 or 3745-65-13? [3745-270-07(B)] Yes ___ No N/A RMK# ___
2. Has a one-time notification been sent with the initial shipment of waste or contaminated soil to the land disposal facility? [3745-270-07(B)(3)] Yes ___ No N/A RMK# ___

Note: No further notification is necessary until such time that the waste changes or the receiving

facility changes.

3. Does the one-time notification and certification contain the information listed in Table 2 of 3745-270-07?[3745-270-07(B)(3)] Yes ___ No N/A RMK# ___
4. Are wastes or treatment residues being sent to another TSD to be further managed? **If so:** Yes ___ No N/A RMK# ___
- a. Has the facility complied with the generator notification/certification requirements? [Table 1, 3745-270-07(B)(5)] Yes ___ No N/A RMK# ___
5. Are recyclable materials used in a manner constituting disposal and subsequently subject to 3745-266-20? **If so:** Yes ___ No N/A RMK# ___
- a. Has the treatment facility (recycler) sent a notification (found at 3745-270-07(B)(4)), excluding the manifest number, with each shipment of waste? [3745-270-07(B)(6)] Yes ___ No N/A RMK# ___
- b. Has the treatment facility (recycler) sent a certification found in 3745-270-07(B)(4)[3745-270-07(B)(6)] Yes ___ No N/A RMK# ___
- c. Has a copy of the notification and certification been sent to the director? [3745-270-07(B)(6)] Yes ___ No N/A RMK# ___
6. Does the recycling facility maintain records of the name and location of each entity receiving the hazardous waste-derived products? [3745-270-07(B)(6)] Yes ___ No N/A RMK# ___
7. Does the owner or operator of any land disposal facility disposing of waste subject to regulation under 3745-270 have:
- a. Copies of all notices and certifications required in 3745-270? Yes ___ No N/A RMK# ___
- b. Test results indicating all waste, extracts of waste or treatment residue are in compliance with 3745-270-40 to 3745-270-49? Yes ___ No N/A RMK# ___
- c. The testing frequency specified in the facility's WAP and have they followed the protocol? Yes ___ No N/A RMK# ___
-