



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: Marion County  
Compliance Evaluation Inspection  
Nucor Steel Marion, Inc., f.k.a. Marion Steel  
OHD 032 271 975  
Notice of Violation

November 14, 2007

Mr. Robert Hice, Environmental Manager  
Nucor Steel Marion, Inc., f.k.a. Marion Steel  
2915 County Road 96  
Marion, Ohio 43302

Dear Mr. Hice:

Thank you and Ms. Becky Kabat for accompanying me and Kara Reynolds during Ohio EPA's October 30, 2007, compliance evaluation inspection of Nucor Steel Marion, Inc. (NSMI) located at 912 Cheney Avenue, Marion, Ohio. We inspected NSMI 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.

NSMI is a manufacturer of steel rebar and sign posts. NSMI has one electric arc furnace which it uses to melt the different recipes of steel to make their final product. NSMI utilizes recyclable steel exclusively in their process. At the time of this inspection, NSMI was generating approximately 569 tons of K061 dust per month. Other non-hazardous waste that is generated at the facility includes used oil (200 gallons/month), and universal waste (spent light bulbs and batteries).

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 3745-52-34(A)(2): Accumulation of Hazardous Waste – Labeling/Date**

A large quantity generator of hazardous waste may, for ninety days or less, accumulate and/or conduct treatment of hazardous waste provided that while being accumulated and/or treated on-site, each container and tank is labeled or marked clearly with the date upon which each period of accumulation and/or treatment begins and it is visible for inspection on each container.

NSMI failed to label the date upon which the period of accumulation began on a trailer accumulating hazardous waste (K061).

NSMI correctly dated the container on the date of our inspection. ***This violation has been abated.***

2. **OAC Rule 3745-273-13(D)(1): Universal Waste Lamps – Labeling**

A small quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed and must lack evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions.

NSMI failed to keep the 8-foot spent lamps storage containers closed.

On November 1, 2007, NSMI emailed me a digital photograph of the containers closed (with new lids). *This violation has been abated.*

3. **OAC Rule 3745-279-22(C)(1): Used Oil Generators – Labeling**

Used oil generators must label containers and aboveground tanks used to store used oil with the words "Used Oil."

NSMI failed to properly label several containers storing used oil.

At least one of the containers identified as storing used oil was labeled during the inspection. However, several containers remained at the site that must be properly labeled with the words "Used Oil." Please keep in mind that additional information on the label to facilitate segregation of the different types of used oil is permitted.

To abate this violation, NSMI must label all containers of used oil and send me photographic documentation.

**General Suggestion:**

1. **Used Oil Storage Area:**

During the inspection, we observed an outdoor storage cement pad where several containers are staged, including used oil containers. The cement pad has a berm that serves as a secondary containment. Within the cement pad, most of the containers were not labeled and appeared to be in no particular order. You stated that some of the containers were unused product. I suggest that for ease of identification and management, the containers within the pad should be organized, segregated, and labeled as to their contents.

In general, effective housekeeping can eliminate some workplace hazards and help get a job done safely and properly. Poor housekeeping can frequently contribute to accidents by hiding hazards that cause injuries. If the sight of paper, debris, clutter and spills is accepted as normal, then other, more serious, health and safety hazards may be taken for granted.

Housekeeping is not just cleanliness. It includes keeping work areas neat and orderly; maintaining halls and floors free of slip and trip hazards; and removing waste materials (e.g., paper and cardboard) and other fire hazardous from work areas. It also requires paying attention to important details such as the layout of the whole workplace, aisle marking, the adequacy of storage facilities, and maintenance. Good housekeeping is also a basic part of accident and fire prevention.

Mr. Robert Hice  
November 14, 2007  
Page Three

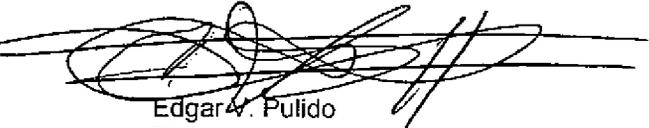
As we discussed during the inspection, you may be able to find other ways to reduce the waste your company generates. If you would like more information on pollution prevention, you can visit the Ohio EPA's pollution prevention website <http://www.epa.state.oh.us/ocapp/ocapp.html>. If you find additional 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 on the division's web page 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,



Edgar V. Pulido  
Division of Hazardous Waste Management

/cs

Enclosures

pc: Colleen Weaver, Supervisor, DHWM, NWDO  
Cindy Lohrbach, DHWM, NWDO  
DHWM, NWDO File: Nucor Steel Marion, Inc., f.k.a. Marion Steel; Marion County

ec: Ed Pulido, DHWM, NWDO

<p>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.</p>
---



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](mailto:tammy.mcconnell@epa.state.oh.us) or mail it to Tammy  
McConnell, Central Office

2. Site EPA ID No.	EPA ID Number: OHD032271975									
3. Site Name	Name: Nucor Marion Steel, Inc.						Website: (Optional)			
4. Site Location Information	Street Address: 912 Cheney Avenue									
	City, Town, or Village: Marion						State: OH			
	County Name: Marion						Zip Code: 43302			
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) <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	331111									
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: Bob				MI:	Last Name: Hice				
	Phone Number: (740)383-4011				Phone Number Extension: 221					
	E-Mail Address: bhice@nsmarion.com									
	Fax Number: (740)383-6429				Fax Number Extension:					
	Street or P.O. Box:									
	City, Town or Village:			State:			Country:		Zip Code:	
	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	Name of Site's Legal Owner: Nucor Corporation					Date Became Owner (mm/dd/yyyy): 05/26/2005			
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: 1915 Rexford Road										
City, Town or Village: Charlotte					Owner Phone #: (704)366-7000					
State: NC					Country: US		Zip Code: 28211			
Name of Site's Operator: Nucor Corporation					Date Became Operator (mm/dd/yyyy):					
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:			State:			Operator Phone #:		Country: 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 checked="" type="checkbox"/> <b>Small Quantity Handler of Universal Waste</b>		<input type="checkbox"/> <b>Large Quantity Handler of Universal Waste</b> (accumulates 5,000 kg. or more)	
<input type="checkbox"/> <b>Destination Facility for Universal Waste</b>			
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))	
	<b>Managed</b>	<input checked="" type="checkbox"/> <b>Used Oil Generator</b>	<input type="checkbox"/> <b>Off-Specification Used Oil Burner</b>
<b>Batteries</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <b>Used Oil Transporter</b>	<input type="checkbox"/> <b>Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil</b>
<b>Pesticides</b>	<input type="checkbox"/>	<input type="checkbox"/> <b>Used Oil Transfer Facility</b>	<input type="checkbox"/> <b>Used Oil Fuel Marketer to Off-Specification Used Oil Burner</b>
<b>Mercury containing equipment</b>	<input type="checkbox"/>	<input type="checkbox"/> <b>Used Oil Processor</b>	
<b>Lamps</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <b>Used Oil Re-refiner</b>	
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.			
K061			
12. Comments: Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.			
<b>Announced</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<b>Additional Facility Representatives:</b>
<b>Tanks</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<b>Other Comments:</b>
<b>Containers</b>	<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		Kara Reynolds	10/30/2007 10:10
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)

## USED OIL INSPECTION CHECKLIST (Short Version)

**NOTE:** *This checklist does not include requirements for used oil transporters and transfer facilities, processors and re-refiners, burners, and marketers.*

### PROHIBITIONS

- Is used oil being managed in a surface impoundment or waste pile? If so: Yes \_\_\_ No  N/A \_\_\_ RMK#
- Is the surface impoundment or waste pile being regulated under OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-12(A)] Yes \_\_\_ No  N/A  RMK#
- Is used oil being used as a dust suppressant? [3745-279-12(B)] Yes  No  N/A \_\_\_ RMK#
- Is off-specification used oil fuel burned for energy recovery only in devices specified in 3745-279-12(C)? Yes \_\_\_ No  N/A  RMK#

### USED OIL GENERATOR STANDARDS

- Does the generator mix hazardous waste with used oil only as provided in 3745-279-10(B)? [2745-279-21(A)] Yes \_\_\_ No  N/A  RMK#
- Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)] Yes \_\_\_ No  N/A  RMK#
- Does the generator only store used oil in tanks, containers, or units subject to OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-22(A)] Yes  No  N/A \_\_\_ RMK#
- Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)] Yes  No  N/A \_\_\_ RMK#
- Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)] Yes \_\_\_ No  N/A \_\_\_ RMK# 1
- Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]
- a. Stopped the release? Yes  No  N/A \_\_\_ RMK#
- b. Contained the release? Yes  No  N/A \_\_\_ RMK#
- c. Cleaned up and properly managed the used oil and other materials? Yes  No  N/A \_\_\_ RMK#

d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary?

Yes  No  N/A  RMK#

Does the generator burn used oil in used fired space heaters? [3745-279-23] If so:

Yes  No  N/A  RMK#

a. Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil generators?

Yes  No  N/A  RMK#

b. Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour?

Yes  No  N/A  RMK#

c. Are the combustion gases from heater vented to the ambient air?

Yes  No  N/A  RMK#

Does the generator have the used oil hauled only by transporters that have obtained U.S. EPA ID#, unless the generator qualifies for an exemption pursuant to 3745-279-24 (self transportation or tolling agreements)? [3745-279-24]

Yes  No  N/A  RMK#

#### USED OIL COLLECTION CENTERS AND AGGREGATION POINTS

Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]

Yes  No  N/A  RMK#

Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]

Yes  No  N/A  RMK#

Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]

Yes  No  N/A  RMK#

#### WASTE EVALUATION

Have all wastes generated at the facility been evaluated? [3745-52-11]

Yes  No  N/A  RMK#

C:\Inspection Checklists\used\_oil\_short..wpd

#### REMARKS

# 1 – NSMI failed to properly label containers storing used oil generated at the facility. Two of the three of the unlabeled containers were properly labeled "Used Oil" during the inspection. One of the containers was not label awaiting clarification of the labeling requirements.

## 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

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? [3745-270-45(A)(3)]

Yes \_\_\_ No  N/A  RMK# \_\_\_

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?
- 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)]
- 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# \_\_
-

**SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS - BATTERIES AND LAMPS**

**Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more**

**Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less**

**PROHIBITIONS**

1. Did the SQUWH dispose of universal waste? [3745-273-11(A)] Yes  No  N/A \_\_\_ RMK#
2. Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in 3745-273-17 or managing specific wastes as provided in 3745-273-13? [3745-273-11(B)] Yes  No  N/A \_\_\_ RMK#

**WASTE MANAGEMENT & LABELING/MARKING**

**UNIVERSAL WASTE BATTERIES**

3. Are battery(ies) that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)] Yes \_\_\_ No  N/A  RMK#
4. If batteries are contained, are the containers closed and structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(A)(1)] Yes  No  N/A \_\_\_ RMK#
5. Does the SQUWH conduct any of the following activities:
- a. Sort batteries by type? Yes  No \_\_\_ N/A \_\_\_ RMK#
- b. Mix battery types in one container? Yes \_\_\_ No \_\_\_ N/A  RMK#
- c. Discharge batteries to remove the electric charge? Yes \_\_\_ No \_\_\_ N/A  RMK#
- d. Regenerated used batteries? Yes \_\_\_ No \_\_\_ N/A  RMK#
- e. Disassemble them into individual batteries or cells? Yes \_\_\_ No \_\_\_ N/A  RMK#
- f. Remove batteries from consumer products? Yes \_\_\_ No \_\_\_ N/A  RMK#

g. Remove the electrolyte from the battery?

Yes \_\_\_ No \_\_\_ N/A  RMK#

If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)(2)]

Yes  No \_\_\_ N/A  RMK#

6. If the electrolyte is removed or other waste generated, has it been determined whether it is a hazardous waste? [3745-273-13(A)(3)]

Yes \_\_\_ No  N/A  RMK#

a. If the electrolyte or other waste is characteristic, is it managed in compliance with 3745-50 through 3745-69? [3745-273-13(A)(3)(a)]

Yes \_\_\_ No  N/A  RMK#

b. If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-13(A)(3)(b)]

Yes \_\_\_ No  N/A  RMK#

7. Are the battery(ies) of container(s) of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-14(A)]

Yes \_\_\_ No  N/A  RMK#

### UNIVERSAL WASTE LAMPS

8. Does the SQGUHW contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and are compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]

Yes \_\_\_ No  N/A \_\_\_ RMK# 1

9. Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage spillage or damage that could cause leakage or releases of mercury or hazardous waste constituents to the environment? [3745-273-13(D)(2)]

Yes \_\_\_ No  N/A  RMK# 2

10. Are the lamps or containers or packages of lamps labeled with the words "Universal Waste - Lamp(s)" or "Waste Lamp(s)" or "Used Lamp(s)"? [3745-273-14(E)]

Yes  No  N/A \_\_\_ RMK#

**NOTE:** Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility under a hazardous waste manifest.

**ACCUMULATION TIME**

11. Is the waste accumulated for less than one year? Yes  No  N/A  RMK#  
[3745-273-15(A)] If not:
- a. Was the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)] Yes  No  N/A  RMK#

**NOTE:** Accumulation is defined as date generated or date received from another handler.

12. Is the length of time the universal waste is stored documented by one of the following: [3745-273-15(C)] Yes  No  N/A  RMK#
- a. Marking or labeling the container with the earliest date when the universal waste became a waste or was received? [3745-273-15(C)(1)] Yes  No  N/A  RMK#
- b. Marking or labeling individual item(s) of universal waste with the earliest date that it became a waste or was received? [3745-273-15(C)(2)] Yes  No  N/A  RMK#
- c. Maintaining an inventory system on-site that identifies the date the universal waste became a waste or was received? [3745-273-15(C)(3)] Yes  No  N/A  RMK#
- d. Maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste items or a group of containers became a universal waste or was received? [3745-273-15(C)(4)] Yes  No  N/A  RMK#
- e. Placing the universal waste in a specific accumulation area and identifying the earliest start date or date received? [3745-273-15(C)(5)] Yes  No  N/A  RMK#
- f. Any other method, which clearly demonstrates, the length of time the universal waste has been accumulated from the date it became a waste or was received? [3745-273-15(C)(6)] Yes  No  N/A  RMK#

**EMPLOYEE TRAINING**

13. Are employees who handle or have the responsibility for managing universal waste informed of waste handling/emergency procedures, relative to their responsibilities? [3745-273-16] Yes  No  N/A  RMK#

**RESPONSE TO RELEASES**

14. Are releases of universal waste and other residues immediately contained? [3745-273-17(A)] Yes  No  N/A  RMK# 3
15. Is the material released characterized? [3745-273-17(B)] Yes  No  N/A  RMK#
16. If the material released is a hazardous waste, is it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to Chapter 3745-52) [3745-273-17 (B)] Yes  No  N/A  RMK#

**OFF-SITE SHIPMENTS**

**NOTE:** *If a SQUWH self-transport waste, then they must comply with the Universal Waste transporter requirements.*

17. Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)] Yes  No  N/A  RMK#

**NOTE:** *SQUWHs are prohibited to send waste to any other facility.*

18. If the universal waste meets the definition of hazardous material under 49 CFR 171-180, are DOT requirements met with regard to package, labels, placards and shipping papers? [3745-273-18(C)] Yes  No  N/A  RMK#
19. Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)] Yes  No  N/A  RMK#
20. If the universal waste shipped off-site is rejected by another handler or destination facility does the originating handler do one of the following:
- a. Receive the waste back? [3745-273-18(E)(1)] Yes  No  N/A  RMK#
- b. Agree to where the shipment will be sent? [3745-273-18(E)(2)] Yes  No  N/A  RMK#
21. If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss one of the following:
- a. Sending the waste back to the originating handler? [3745-273-18(F)(1)] Yes  No  N/A  RMK#
- b. Sending the shipment to a destination facility? (If both the originating and receiving handler agree) [3745-273-18(F)(2)] Yes  No  N/A  RMK#
22. If the handler received a shipment of hazardous waste that was not universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)] Yes  No  N/A  RMK#
23. If the handler received a shipment of non-hazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-18(H)] Yes  No  N/A  RMK#

### EXPORTS

24. Is waste being sent to a foreign destination? If so: Yes  No  N/A  RMK#

a. Does the small quantity handler comply with primary exporter requirements in OAC 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)]

Yes \_\_\_ No  N/A  RMK#

b. Is waste exported only upon consent of the receiving country and in conformance with U.S. EPA's "Acknowledgment of Consent" as defined in 3745-52-50 to -52-57? [3745-273-20(B)]

Yes \_\_\_ No  N/A  RMK#

c. Is a copy of U.S. EPA's "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]

Yes \_\_\_ No  N/A  RMK#

### REMARKS

- #1 – NSMI failed to keep a container of 8-foot spent fluorescent light bulbs closed.  
#2, 3 – MSMI has not experienced a bulb breakage or a release at this time.

**LARGE 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 checked="" type="checkbox"/> | No | <input 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 <sup>st</sup> ? [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 <b>other than</b> 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 <b>on-site without a permit</b> or at another facility <b>other than</b> 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"/> |

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

37. 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

[Facility Name/Inspection Date]

[ID number]

LQG/February 2007

Page 3 of 4

- d. Do not exceed one quart of acute 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