



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

March 6, 2007

RE: GLIDDEN CO. RESEARCH CENTER
OHD074548728
LARGE QUANTITY GENERATOR
CUYAHOGA COUNTY

Ms. Mary Vilardo
ICI Paints Strongsville
Workplace SHE Resource Manager
16651 Sprague Road
Strongsville, Oh 44136

Dear Ms. Vilardo:

On February 8, 2007, the Ohio Environmental Protection Agency (EPA), Division of Hazardous Waste Management (DHWM), conducted a compliance evaluation inspection at Glidden Co. Research Center (Glidden), located at 16651 Sprague Road, Strongsville, Ohio. The purpose of the inspection was to determine Glidden's 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). Glidden was represented by you and Ohio EPA was represented by Sherry Stone and me. This letter will explain the violations we found, outline concerns we talked about, and discuss what you need to do to correct the violations and concerns.

Glidden does research and product development for paints (decorative group) and coatings (packaging group). There are six major waste streams, four of which are hazardous and the other two are non-hazardous. The hazardous waste streams are comprised of a wash solvent, solvent borne waste, vinyl chloride (generated by the packaging group), and latex resin waterborne waste (ignitable due to coalescing solvent). The non-hazardous wastes include a washwater and latex waste stream. Other waste streams include used oil and waste fluorescent lamps. Rags are sent off-site to a laundry for reuse, therefore they are not a hazardous waste.

I have enclosed copies of the inspection checklists for your records. During the inspection, I found the following violations of Ohio's hazardous waste laws:

1. Ohio Administrative Code (OAC) 3745-52-42; Exception report.

During the inspection we reviewed the manifests and accompanying LDR forms for the years 2006, 2005, and 2004. The paperwork for 2005 and 2004 was complete, however, the paperwork for 2006 was incomplete.

Many of the manifests for 2006 did not have a signature in the receiving facility box, Item (20), on the hazardous waste manifest. Glidden had not received, or has misplaced, the signed manifest from the receiving facility for the following hazardous waste manifests from 2006:

Manifests 06001, 06002, 1151563, 653266, 672922, 336, 337, 8958, and 86677.

If the generator has not received the manifest with a handwritten signature from the receiving facility within 45 days of the date the waste was accepted by the initial transporter, the generator must file an exception report with Ohio EPA.

Your were able to obtain a copy of the manifest signed by the receiving facility for manifests 336, 337, 8958 and 86677 during the inspection. **For each of the other above manifests, please provide a copy signed by the receiving facility or an exception report filed with Ohio EPA. Describe what procedures have been instituted to insure that Glidden is maintaining a signed copy of the manifests from the receiving facility and filing timely exception reports as needed.**

2. **OAC 3745-270-07(A)(2); Land disposal restriction testing (LDR), tracking and record keeping requirements for generators.**

With the initial shipment of waste that does not meet LDR treatment standards to each treatment or storage facility, the generator must send a one-time written notice to each facility receiving the waste, and place a copy in the generator's files.

Glidden was unable to provide the LDR forms for the wastes included on the following hazardous waste manifests: 1151563, 10561, 672926, 653266, 672922, 1151562, and 1151563.

To return to compliance with this rule, please provide a copy of the missing LDR forms.

3. **OAC 3745-279-22(C); Standards for used oil generators, labeling of containers.**

The rule requires that all containers, above ground tanks, and fill pipes used for underground tanks, be clearly labeled or marked "Used Oil".

One fifty-five gallon container of used oil, located in the maintenance building, was labeled "Waste Oil" instead of "Used Oil", in violation of this rule.

During the inspection, the container was properly labeled "Used Oil". **This violation has been abated and no further action is required.**

4. **OAC 3745-273-13(D)(1); Standards for universal waste lamps, failure to store lamps in a closed container.**

Lamps being stored in the maintenance shop and in the hazardous waste accumulation area (located in the shipping and receiving building) were being stored in boxes that were not closed, in violation of this rule. Ohio EPA's Universal Waste Lamp Management fact sheet was provided to your contractor who manages the waste lamps in the maintenance building.

Please provide photographs of properly closed containers and describe what procedures have been instituted to insure compliance with this regulation.

5. **OAC 3745-273-14(E); Standards for universal waste lamps, failure to label used lamp containers.**

A small quantity handler of universal waste must label or mark the universal waste to identify the type of universal waste as specified in this rule. The container or package in which lamps are contained must be labeled or clearly marked with one of the following phrases: "Universal Waste-Lamp(s)," or "Waste Lamp(s)," or "Used Lamp(s)."

Glidden failed to label/mark containers of universal waste lamps located in the maintenance shop and in the hazardous waste accumulation area with the words required by this rule.

To return to compliance with this rule, please submit a photograph showing that all boxes containing universal waste lamps have been properly labeled and describe what protocols have been instituted to insure compliance with the regulation.

6. OAC 3745-273-16; Standards for universal waste, failure to train employees who handle universal waste.

Employees who handle or have the responsibility for managing universal waste must be informed of waste handling/emergency procedures relative to their responsibilities. This training would include a discussion of how universal waste lamps must be in a closed and labeled container while being accumulated on-site.

Glidden must provide training to those persons who are directly responsible for handling universal waste. **Please submit documentation demonstrating that all affected employees have received the training.**

7. OAC 3745-273-15(C); Standards for universal waste, demonstration for length of accumulation.

A small quantity handler of universal waste must be able to clearly demonstrate the length of time that universal waste has been accumulated.

Glidden does not have a consistent manner for documenting the length of time that universal waste is stored onsite. Two boxes of waste lamps were dated in the hazardous waste accumulation area but the dates were different and other boxes were undated. None of the boxes of waste lamps in the maintenance area were dated and a few of the boxes contained new lamps and waste lamps.

Please provide information on how Glidden will keep track of the length of time universal waste is stored onsite. (Page 5 of the *Small Quantity Universal Waste Handler Requirements* checklist has examples on ways in which this can be done).

The Ohio EPA has the following comments:

- A. I reviewed the following personnel training documents; job title and job description for Lab Technician, Lab Chemist/Specialist/Associate/Analyst, Senior Scientist, Technical Manager, Shipping Personnel and Workplace SHE Resource Manager. Each job title included the minimum qualifications required to fill the position, initial and annual training requirements, and the duties and responsibilities related to hazardous waste management. The annual hazardous waste training was given in December 2006. You provided a list of personnel that are required to take the training. The employee sign in sheet included an outline of the topics that were covered.

What is not clear from my review are the procedures Glidden uses to keep track of the hire date of each employee that handles hazardous waste, how individual employee training records are maintained, and how Glidden makes sure that all employees receive the annual training within one year of the last training. Please provide a written explanation on the procedures Glidden uses to track the previously mentioned items.

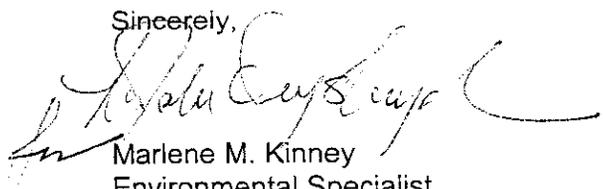
- B. The facility contingency plan was also reviewed. While the contingency plan appears to be complete, section G-7, Evacuation Plan, does not refer to Attachment III, which shows the locations of the employee evacuation areas. Please provide an explanation on how the evacuation areas found in Attachment III correlated with the facility evacuation plan found in Section G-7. Glidden will also want to include reference to Attachment III in the facility contingency plan.
- C. We noted four, fifty-five gallon drums labeled "hazardous waste diesel fuel, 12/16/06". We were told that a fuel oil tank had been cleaned out in December and at some point during the clean up, a pump broke and the remaining liquid was placed in the drums. Later we were told that the drums did not contain diesel fuel but contained PPE from the clean up. Please provide a summary of the activities that occurred during the fuel oil tank clean up and include copies of all paperwork (manifests, analytical data) associated with the removal of the diesel fuel.

Please respond within 30 days of the date of this letter with the requested documentation. 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

Should you have any questions, please feel free to call me at (330) 963-1162. You can find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dhwm>. Ohio EPA also has helpful information about pollution prevention at the following web address: <http://www.epa.state.oh.us/opp>.

The Division of Hazardous Waste Management has created an electronic news service to provide the regulated community with news related to hazardous waste activities in Ohio. If you haven't already, we encourage you to sign up for this free service by going to: <http://www.epa.state.oh.us/dhwm/listserv>.

Sincerely,



Marlene M. Kinney
Environmental Specialist
Division of Hazardous Waste Management

MMK:ddw

Enclosures

cc: Natalie Oryshkewych, DHWM, NEDO
Harry Sarvis, DHWM, CO
ec: Sherry Slone, DHWM, NEDO

E-mail this completed form to tammy.mcconnell@epa.state.oh.us or mail it to Tammy McConnell, Central Office	Ohio Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FOR.		For Ohio EPA use only						
2. Site EPA ID No.	EPA ID Number: OHD074548728								
3. Site Name	Name: Glidden Co Research Center		Website (optional:)						
4. Site Location Information	Street Address: 16651 Sprague Rd								
	City, Town, or Village: Strongsville		State: OH						
	County Name: Cuyahoga		44136-1757						
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	A. 54171		B.						
	C.		D.						
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: Mary		MI:	Last Name: Vilardo					
	Phone Number: 440-826-5407			Phone Number Extension:					
	E-Mail Address: mary_vilardo@ici.com								
	Fax Number: 440-816-3260				Fax Number Extension:				
	Street or P.O. Box: 16651 Sprague Rd.								
	City, Town or Village: Strongsville								
	State: OH		Country:			Zip Code: 44136-1757			
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.	A. Name of Site's Legal Owner:		Date Became Owner (mm/dd/yyyy):						
	Owner Type: Mark with an X	Private <input 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:				Owner Phone #:				
	State:				Country:		Zip Code:		
	B. Name of Site's Operator:		Date Became Operator (mm/dd/yyyy):						
	Operator Type: Mark with an X	Private <input 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:				Country:		Zip Code:		
	9. Violations Cited?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No						
	10. Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes.)								
<input type="checkbox"/> Not Regulated									

10. Type of Regulated Waste Activity (Mark "X" in all or the appropriate boxes.)

A. Hazardous Waste Activities			
(choose only one of the following categories)		<input type="checkbox"/>	3. Treater, Storer or Disposer of Hazardous Waste
<input type="checkbox"/>	UNKNOWN: Cited for violation of 3745-52-11	<input type="checkbox"/>	4. Recycler of Hazardous Waste
<input checked="" type="checkbox"/>	a. Large Quantity Generator (LQG):	<input type="checkbox"/>	5. Exempt Boiler and/or Industrial Furnace
<input type="checkbox"/>	b. Small Quantity Generator (SQG)	<input type="checkbox"/>	a. Small Quantity On-site Burner Exemption
<input type="checkbox"/>	c. Conditionally Exempt Small Quantity Generator	<input type="checkbox"/>	b. Smelting, Melting, Refining Furnace Exemption
<input type="checkbox"/>	d. United States Importer of Hazardous Waste	<input type="checkbox"/>	6. Underground Injection Control Facility
<input type="checkbox"/>	e. Mixed Waste (hazardous and radioactive) Generator	<input type="checkbox"/>	7. Hazardous Waste Transporter
B. Universal Waste Activities		C. Used Oil Activities	
<input checked="" type="checkbox"/>	1. Small Quantity Handler of Universal Waste	<input checked="" type="checkbox"/>	1. Used Oil Generator
(Indicate types of universal waste generated and/or accumulated (check all boxes that apply):		2. Used Oil Transporter Indicate Type(s) of Activity(ies)	
<input type="checkbox"/>	2. Large Quantity Handler of Universal Waste	<input type="checkbox"/>	Transporter
(accumulates 5,000 kg or more).		<input type="checkbox"/>	Transfer Facility
<input type="checkbox"/>	3. Destination Facility for Universal Waste	3. Used Oil Processor and/or Re-refiner	
(Check all boxes below that apply for each of the three types of facilities above.)		Indicate Type(s) of Activity(ies)	
		<input type="checkbox"/>	Processor
		<input type="checkbox"/>	Re-refiner
		4. Off-Specification Used Oil Burner	
		5. Used Oil Fuel Marketer -	
		Indicate Type(s) of Activity(ies)	
		<input type="checkbox"/>	a. Marketer Who Directs Shipment of Off-Specification Oil
		<input type="checkbox"/>	b. Used Oil to Off-Specification Used Oil Burner
		4. Off-Specification Used Oil Burner	
		5. Used Oil Fuel Marketer -	
		Indicate Type(s) of Activity(ies)	
		<input type="checkbox"/>	a. Marketer Who Directs Shipment of Off-Specification Oil
		<input type="checkbox"/>	b. Used Oil to Off-Specification Used Oil Burner

11. Waste Codes for Federally Regulated Hazardous Wastes. Please list the codes for the federally regulated hazardous waste handled at your 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.

D001	F005	F003	D018	D035	D043	
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12. Comments: Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.

N	Announced ?	Additional Facility Representatives:
N	Tanks?	Other comments:
Y	Containers?	

13. Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/ Time (mm-dd-yyyy) (HH:MM)
Marlene Kinney, Lead	Sherry Stone, back up	02/08/07 10AM- 3:45 PM

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)

LARGE QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY

CESQG: <100Kg. (Approximately 25-30 gallons) of waste in a calendar month.

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: *safety glasses and safety shoes*

GENERAL REQUIREMENTS

1. Have all wastes generated at the facility been adequately evaluated? [3745-52-11] Yes No N/A
2. Has the generator obtained a U.S. EPA identification number? [3745-52-12] Yes No N/A
3. Were annual reports filed with Ohio EPA on or before March 1st? [3745-52-41(A)] Yes No N/A
4. 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 No N/A
5. 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 No N/A

6. Does the generator accumulate hazardous waste? Yes No N/A

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.

7. 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 No N/A

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

8. 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 No N/A
- b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97 (C) and Yes No N/A
- c. Drip pads that meet 3745-69-40 to 3745-69-45? Yes No N/A
- d. Containment building that meets 3745-256-100 to 3745-256-102? Yes No N/A

NOTE: Complete appropriate checklist for each unit.

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

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

MANIFEST REQUIREMENTS

10. Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)] Yes No N/A

11. Have items (1) through (20) of each manifest been completed? [3745-52-20(A)]

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)]

By the generator
Yes No N/A

12. Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]

Yes No N/A

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)].

13. 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 No N/A

14. Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1) & (2)]

Yes No N/A

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 of the waste they generate.

15. 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

Missing copies for 2006 / 2005 and 2004 were okay.

16. 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

17. 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

18. 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

19. Does the personnel training program include instructions to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)(a-f)]

Yes No N/A

20. Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)]

Yes No N/A

21. 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

22. Does the generator provide annual refresher training to employees? [3745-65-16(C)]

Yes No N/A

23. Does the generator keep records including: job titles [D(1)], job descriptions [D(2)], type and amount of training given to each person [D(3)] and documentation of completed training or job experience required [D(4)]? [3745-65-16(D)]

Yes No N/A

24. 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.

<u>Job Performed</u>	<u>Name of Employee</u>	<u>Date Trained</u>
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CONTINGENCY PLAN

25. 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

26. 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

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

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)]

27. 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

28. 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

29. 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

30. 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

31. 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
32. Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:
- a. Internal 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? [3745-65-32(D)] Yes No N/A

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

33. Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33] Yes No N/A
34. Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33] Yes No N/A
35. 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
36. 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
37. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes No N/A
38. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)] Yes No N/A
39. 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

40. 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 one quart of acutely hazardous waste at anyone time? [3745-52-34(C)(1)] Yes No N/A
- d. Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)] Yes No N/A
- e. Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)] Yes No N/A
41. Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:
- 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

Generator moves containers to accumulation area once they are full.

- 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
- c. Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)] 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

42. Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)] Yes No N/A
43. Is the accumulation date on each container? [3745-52-34(A)(2)] Yes No N/A
44. 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 and photograph the area.

45. Is the container accumulation areas(s) inspected weekly? [3745-66-74] Per ORC§1.44(A) "Week" means seven 7 consecutive days. Being done every 7 days. Yes No N/A
- a. Are inspections recorded in a log or summary? [3745-66-74] Yes No N/A
46. 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
47. 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
48. 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
49. 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.

50. 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 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

51. 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
52. Does each container <110 gallons have a completed hazardous waste label? [3745-52-32(B)] Yes No N/A
53. Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33] Assume yes, I did not ask. Yes No N/A

PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Glidden Co Facility Type: (LQG/SQG/CESQG/TSD) Date of Inspection: _____ EPA ID#: OH 074-548-728

Waste Generated

On- or Off-Site Management

P2 Activities

Process/Activity Generating Waste (e.g. plating bath, machining, baghouse, painting, general maintenance, etc)	Waste Description (e.g. sludge, solvent, ash, used oil, spent lamps, etc.) and EPA Waste Code, if applic.	QTY Generated per Month, Type of Accumulation (container, tank, etc) and location of waste accumulation area	Type of On-Site Treatment (recycle, wwt, etc)	Name, state, and type of activity occurring at the off-site facility.	Current P2 Activities	P2 Opportunities
1 Research & Development	Spent Solvent	22 Tons/yr	None		None	None
2 of paints & Coatings		Stored in containers.				
3						
4 Spent Fluorescent Lamps	—	—	—		—	—
5 Air Compressor	Used oil	—	—		—	—
6						
7						
8						
9						

REMARKS—GENERAL INFORMATION

General Process Information:

Regulatory/Enforcement History (if applicable):

Additional P2 remarks and information:

Would this facility be interested in a P2 assessment? Yes* No *If yes, refer promptly to your district P2 coordinator.
Office of Compliance Assistance and Pollution Prevention - 1-800-329-7518 or p2mail@epa.state.oh.us or www.epa.state.oh.us/ocapp/ocapp.html

Other:

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

→ missing LDR forms for 2006
LDR records were complete by 2/20/07

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

Yes ___ No N/A RMK# ___

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 Table1? [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.*

REMARKS

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? 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# ___

REMARKS

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:**
 a. Has the facility complied with the generator notification/certification requirements?
 [Table 1, 3745-270-07(B)(5)]

5. Are recyclable materials used in a manner constituting disposal and subsequently subject to 3745-266-20? If so:
 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# ___

REMARKS

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

1. 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# ___
2. Is used oil being used as a dust suppressant? [3745-279-12(B)] Yes No N/A ___ RMK# ___
3. 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

4. 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# ___
5. 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# ___
6. 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# ___
7. 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# ___
8. 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# ___
A barrel at time of inspection changed label from Waste Oil to Used Oil
9. 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# ___
10. 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# ___
11. 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

12. 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# ___
13. Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31] Yes ___ No N/A RMK# ___
14. 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

15. Have all wastes generated at the facility been evaluated? [3745-52-11] Yes No N/A ___ RMK# ___

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REMARKS

SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS

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

Not Applicable to this inspection

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 PESTICIDE

Not applicable to this inspection

8. Does the SQUWH prevent releases to the environment by managing pesticides in containers that are closed, structurally sound, compatible with the pesticides, and lack evidence of leakage, spillage, or damage? [3745-273-13(B)(1)]

Yes ___ No N/A ___ RMK# ___

9. If the original pesticide container is in poor condition, was it over-packed into an acceptable container? [3745-273-13(B)(2)]

Yes ___ No N/A ___ RMK# ___

10. If the pesticide is stored in a tank, are the requirements of 3745-66-90 through 3745-66-101, except for paragraph (C) of 3745-66-97; 3745-66-100 and -66-101 of the OAC met? (Use tank checklist) [3745-273-13(B)(3)]

Yes ___ No N/A ___ RMK# ___

11. If pesticides are stored in a transport vehicle, is it closed, structurally sound and compatible with the pesticide(s)? [3745-273-13(B)(4)]

Yes ___ No N/A ___ RMK# ___

12. Are containers, tanks, or transport vehicles that contain universal waste pesticides, labeled with either "Universal Waste Pesticides" or "Waste Pesticides"? [3745-273-14(B)]

Yes ___ No N/A ___ RMK# ___

UNIVERSAL WASTE THERMOSTATS (Not applicable to this inspection)

13. Are thermostats that show evidence of leaking, spilling, or damage that could cause leaks, properly contained? [3745-273-13(C)(1)] Yes ___ No N/A ___ RMK# ___
14. If the thermostats are contained, are the containers closed, structurally sound, compatible with contents of the thermostats and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(C)(1)] Yes ___ No N/A ___ RMK# ___
15. If the mercury-containing ampules are removed, does the SQUWH: [3745-273-13(C)(2)]
- a. Remove the ampules in a manner to prevent breakage and are they removed over or in a containment device? [3745-273-13(C)(2)(a)(b)] Yes ___ No N/A ___ RMK# ___
- b. Have a clean-up system readily available to transfer spilled mercury to another container that meets the requirements of OAC 3745-52-34 and is the spilled mercury transferred immediately? [3745-273-13(C)(2)(c)(d)] Yes ___ No N/A ___ RMK# ___
- c. Ensure that the area where ampules are removed is well ventilated and monitored in compliance with applicable OSHA exposure levels for mercury? [3745-273-13(C)(2)(e)] Yes ___ No N/A ___ RMK# ___
- d. Ensure that employees are thoroughly familiar with the proper waste handling and emergency procedures? [3745-273-13(C)(2)(f)] Yes ___ No N/A ___ RMK# ___
- e. Ensure that removed ampules are stored in closed, non-leaking containers that are in good condition? [3745-273-13(C)(2)(g)] Yes ___ No N/A ___ RMK# ___
- f. Pack removed ampules in containers with packing material to prevent breaking during storage, handling and transportation? [3745-273-13(C)(2)(h)] Yes ___ No N/A ___ RMK# ___
16. If mercury, clean-up residues, or other wastes are generated, are they evaluated to determine whether they exhibit a characteristic of a hazardous waste? [3745-273-13(C)(3)(a)] Yes ___ No N/A ___ RMK# ___

a. If the waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? (The handler is considered the generator of the mercury, residues, and/or other waste and is subject to Chapter 3745-52.) [3745-273-13] Yes ___ No N/A ___ RMK# ___

b. If the mercury, residues and/or other wastes are not hazardous, are they managed in compliance with applicable law? [3745-273-13(C)(3)(c)] Yes ___ No N/A ___ RMK# ___

17. Are thermostats or containers of thermostats labeled either "Universal Waste-Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)?" [3745-273-14[D]] Yes ___ No N/A ___ RMK# ___

UNIVERSAL WASTE LAMPS

18. 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# ___
Not all boxes were closed

19. 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# ___

20. 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

21. Is the waste accumulated for less than one year? [3745-273-15(A)] If not: Yes No ___ N/A ___ RMK# ___
- 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.*

22. 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# ___
- Facility needs to choose a method of documentation*
- 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# ___
- There were 2 boxes that had different dates on them*
- 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

23. 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

24. Are releases of universal waste and other residues immediately contained? [3745-273-17(A)] Yes ___ No N/A RMK# ___
Were no releases at time of inspection
25. Is the material released characterized? [3745-273-17(B)] Yes ___ No N/A RMK# ___
26. 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.

27. 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.

28. 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# ___
29. Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)] Yes No N/A ___ RMK# ___
30. 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# ___
31. 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# ___
33. 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# ___
34. If the handler received a shipment of nonhazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-18(H)] Yes ___ No N/A RMK# ___

EXPORTS

35. Is waste being sent to a foreign destination? If so:
- 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