



State of Ohio Environmental Protection Agency

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**Central District Office**

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P.O. Box 1049  
Columbus, OH 43216-1049

February 25, 2010

Ms. Karen Canterbury  
DuPont Powder Coatings USA  
4130 Lyman Ct.  
Hilliard, OH 43026

**Re: DuPont Powder Coatings USA, Inc.  
Franklin County  
OHR000019612  
Conditionally Exempt Small Quantity Generator  
Notice of Violation & Return to Compliance**

On February 23, 2010, Ohio EPA conducted a compliance evaluation inspection (CEI) at the DuPont Powder Coatings USA Inc. (DuPont) facility located at 4130 Lyman Ct., Hilliard, OH to determine the facility's compliance with Ohio's laws and regulations as found in Chapter 3734 of the Ohio Revised Code and Chapter 3745 of the Ohio Administrative Code (OAC). The CEI consisted of discussions regarding facility operations and reviews of production/waste management practices and associated documentation. During the CEI, DuPont was represented by you and various other associates while Ohio EPA was represented by Chris Bulinski and me. We also discussed the merits of pollution prevention and revised management opportunities for solvent contaminated wipers.

Based on the findings of the CEI, it was determined that DuPont violated the following Ohio Administrative Code (OAC) rule:

**OAC Rule 3745-279-22(C)(1), Used Oil Storage Requirement for Generators:**  
Containers and aboveground tanks used to store used oil at generator facilities must be labeled or marked clearly with the words "Used Oil."

At the time of the CEI, containers of used oil in accumulation were not labeled or marked with the words "Used Oil," as required. This requirement was discussed with you and the DuPont associate designated to manage the used oil.

On this day and in my presence, the containers of used oil were appropriately labeled. No further action is necessary in regards to this violation.

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



Ms. Karen Canterbury  
DuPont Powder Coatings USA  
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Enclosed, please find copies of the checklists completed as a part of this inspection. Also enclosed, please find a copy of the *Spring 2006 Notifier* article titled, "Solvent Contaminated Rags and Wipers." As we discussed, in Ohio your wipers would not be considered to be a listed hazardous waste, but could be characteristically hazardous. A flash point analyses and a TCLP analyses for methyl ethyl ketone should be completed for this waste determination. Each of these analyses must be completed as specifically prescribed by the analytical method(s), as each is individually identified in the OAC. Future management of this waste stream should be based on these analytical results.

Should you have any questions and/or desire additional information, please feel free to contact me at telephone number 614-728-5037.

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

Respectfully,



Randy Sheldon  
Environmental Specialist  
Division of Hazardous Waste Management  
Central District Office

Enclosures

c: Kristina Durnell, DHWM, CO  
(DHWM, CDO File)

RS/hsm nov

Send to Central Office <input type="checkbox"/>	<b>Ohio Environmental Protection Agency</b> <b>RCRA SUBTITLE C SITE</b> <b>IDENTIFICATION/VERIFICATION FORM</b>	For Ohio EPA use only
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Completed verification forms required to be submitted to CO should be e-mailed to [kristina.durnell@epa.state.oh.us](mailto:kristina.durnell@epa.state.oh.us).

<b>Site EPA ID No.</b> <b>Site Name</b>  <b>Site Location Information</b>  <b>Site Land Type</b> (check only one) <b>NAICS code(s)</b> <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	EPA ID Number: OHR000019612 Name: DuPont Powder Coatings USA Inc.   Website: (Optional) Street Address: 4130 Lyman Ct. City, Town, or Village: Hilliard   State: OH County Name: Franklin   Zip Code: 43026 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Private</td> <td style="text-align: center;">County</td> <td style="text-align: center;">District</td> <td style="text-align: center;">Federal</td> <td style="text-align: center;">Indian</td> <td style="text-align: center;">Municipal</td> <td style="text-align: center;">State</td> <td style="text-align: center;">Other</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Private	County	District	Federal	Indian	Municipal	State	Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
Private	County	District	Federal	Indian	Municipal	State	Other										
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										

<b>Facility Representative</b>  Additional names can be recorded in number 12.  Only provide address information if it is different than the site address	First Name: Karen   MI:   Last Name: Canterbury Phone Number: 614-921-8024   Phone Number Extension: E-Mail Address: Karen.L.Canterbury@USA.DuPont.com Fax Number: 614-529-6051   Fax Number Extension: Street or P.O. Box: 4130 Lyman Ct. City, Town or Village: Hilliard State: OH   Zip Code: 43026
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<b>Legal Owner And Operator of the Site.</b> List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner: DuPont Powder Coatings USA Inc.   Date Became Owner (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: 9800 Genard Rd. City, Town or Village: Houston   Owner Phone #: State: TX   Country: USA   Zip Code: 77024 Name of Site's Operator: DuPont Powder Coatings USA Inc.   Date Became Operator (mm/dd/yyyy): Operator 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: 4130 Lyman Ct. City, Town or Village: Hilliard   Operator Phone #: 614-921-8024 State: OH   Country: USA   Zip Code: 43026
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**VIOLATIONS CITED?**  Yes  No

<b>TYPE OF HANDLER - MARK "X" AS APPROPRIATE</b>	
<input type="checkbox"/> Not a HW Generator <input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11	<input type="checkbox"/> Large Quantity Generator (LQG) <input type="checkbox"/> Small Quantity Generator (SQG) <input checked="" type="checkbox"/> Conditionally Exempt Small Quantity Generator <input type="checkbox"/> U.S. Importer of Hazardous Waste <input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator

<b>TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)</b>	
<input type="checkbox"/> Recycler of Hazardous Waste <input type="checkbox"/> Underground Injection Control Facility <input type="checkbox"/> Hazardous Waste Transporter <input checked="" type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste	<input type="checkbox"/> Exempt Boiler and/or Industrial Furnace <input type="checkbox"/> Small Quantity On-Site Burner Exemption <input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption

**UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED)**

**(CHECK ALL BOXES THAT APPLY)**

- Small Quantity Handler of Universal Waste  Destination Facility for Universal Waste  
 Large Quantity Handler of Universal Waste  
 (accumulates 5,000 kg. or more)

**CHECK ALL BOXES BELOW THAT APPLY FOR THE TYPES OF UNIVERSAL WASTE THE FACILITY MANAGES**

- Batteries  
 Pesticides  
 Mercury containing equipment  
 Lamps

**USED OIL ACTIVITIES (INDICATE TYPE(S) OF ACTIVITY(S))**

- Used Oil Generator  
 Used Oil Transporter  
 Used Oil Transfer Facility  
 Used Oil Processor  
 Used Oil Re-refiner  
 Off-Specification Used Oil Burner  
 Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil  
 Used Oil Fuel Marketer to Off-Specification Used Oil Burner

**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 or list them in the comments if more space is needed. If the waste codes are the same as listed in the most recent RCRA Info source record, you do not need to list them; instead just indicate the date of the most recent source record.

**D001 D035**

**COMMENTS: USE THIS AREA TO DESCRIBE WHETHER THE INSPECTION WAS ANNOUNCED, WHETHER THE WASTE IS STORED IN TANKS OR CONTAINERS, ETC.**

- Announced  Yes  No Additional Facility Representatives:  
 Tanks  Yes  No  
 Containers  Yes  No

<b>Name of Inspector(s)</b>	<b>Name of Inspector(s)</b>	<b>Date of Inspection/Time</b> (mm/dd/yyyy) (hh:mm)
R Sheldon	C Bulinski	02/23/2010 10:30 am

**Comments:**

## **FACILITY / PROCESS DESCRIPTIONS**

### **Facility Information**

DuPont Powder Coatings USA Inc. (DuPont) is located at 4130 Lyman Ct., Hilliard, Ohio 43026, Franklin County. This facility is used to manufacture and supply powder coatings to customers/users. The facility building consists of an office/administration area and a large manufacturing/warehousing area with a second floor over a portion of it. The powder coatings from this location are made in small batches to customer specifications (custom colors; normally in batches of 800 lbs. or less). The facility originally notified as a small quantity generator of hazardous waste, waste code U159 (methyl ethyl ketone (MEK)), and was given ID number OHR000019612.

The facility is currently operating as a conditionally exempt small quantity generator (CESQG) of hazardous waste. The only hazardous waste currently generated/managed is wipers used with MEK in the laboratory for occasional equipment cleaning. We discussed the current solvent wiper management options and indicated the information would be provided in copy with the inspection documentation.

### **Process Information**

Customer specific batches of powder coatings are manufactured and supplied from this location. No solvents are used in the manufacturing/production and associated cleaning processes. All solid materials are used in the production processes. Only MEK, purchased in 1 gallon containers with no more than 5 on-site at a time, is used with disposable paper wipers for laboratory equipment cleaning. The product "Safe Strip" is used to clean equipment and has been manufactured to be non-hazardous for disposal purposes.

The general powder coating manufacturing process steps are as follows:

- The products resin, filler, and pigments are mixed according to the customer's specifications/formulas;
- The formulated products are taken to the "mixing bowl" for a thorough mix;
- The mixture is put through an extruder where it is melted into a taffy-like substance and dropped onto a metal cooling belt;
- After cooling, the substance is initially put through a chipper and then on through a mill where it is ground into a fine powder;
- The powder is then packaged and shipped to the customer.

Non-hazardous solid wastes are generated from the manufacturing/packaging processes through hoods over the areas/units hooked into a vacuum system, which in association with several other sources, are permitted through OEPA,

DAPC. A wash booth is located on the second floor where water/safe strip is used to clean equipment. The waste liquid drains through a floor drain connected to the City sanitary sewer system, all reportedly with the City's permission.

Currently, hazardous waste wipers (coded D001, D035 (MEK)) are sent to Safety-Kleen in Smithfield, KY for management/disposal. The current solvent wiper waste management options were discussed and it was indicated that hard copies of the information would be provided for DuPont's review. The solvent wipers were managed in a small (~5 gallon) self-closing container in the laboratory area. When this container was filled, it would be emptied into a 55-gallon container until filled and then taken off-site.

Occasionally, from equipment maintenance, used oils are generated. At the time of the inspection, containers of used oils were not labeled with the words "Used Oil," as required. At this same time and in my presence, the containers of used oils were appropriately labeled. Safety-Kleen in Smithfield, KY manages the used oils.

Spent fluorescent light bulbs are placed into labeled containers supplied by Safety-Kleen. These spent bulbs are managed as universal wastes by Safety-Kleen in Smithfield, KY on a regular basis.

Various small electronic equipment batteries are placed in labeled containers and managed by Safety-Kleen in Smithfield, KY.

Forklifts and associated batteries are serviced/managed by the contracted supplier.

**CONDITIONAL . EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS  
COMPLETE AND ATTACH A PROCESS, WASTE, P2 SUMMARY SHEET**

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:

**WASTE EVALUATION**

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"/>
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**GENERATOR CLASSIFICATION**

2.	Does the generator produce <100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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NOTE: If quantities of hazardous waste accumulated on-site at any one time exceed 1,000 Kg. - or the generator produces between 100 and 1,000 Kg. of hazardous waste per month, it is operating as a Small Quantity Generator ("SQG"). If so, complete the Small Quantity Generator Requirements checklist.

**OFF-SITE SHIPMENT OF HAZARDOUS WASTE**

3.	Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3734.02(F)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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**TREATMENT OF HAZARDOUS WASTE**

4.	Does the generator treat hazardous waste? If Yes in a:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	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 the CESQG conducts treatment they are subject to the LQG requirements.

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

**MIX HAZARDOUS WASTE WITH USED OIL**

5.	Does the CESQG mix its hazardous waste with used oil for the purpose of burning for energy recovery? [3745-51-05(J)] If so:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	a. Does the CESQG manage the mixture in accordance with 3745-279-21?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>



**USED OIL INSPECTION CHECKLIST  
GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS**

**NOTE:** 1. A facility is subject to the federal SPCC regulations (40 CFR 112) if it is non-transportation related (e.g., fixed) and has an aggregate above ground storage capacity greater than 1,320 gallons or a total underground storage capacity greater than 42,000 gallons of oil (including used oil), and there is reasonable expectation of a discharge to navigable waters.

2. Inspectors can check BUSTR's web-site at [https://www.comapps.ohio.gov/sfm/fire\\_apps/bust/bustr/PublicInquiry.asp](https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/PublicInquiry.asp) to determine if a UST containing used oil is registered with BUSTR. Inspectors may call BUSTR at 614-752-7938 or a BUSTR site coordinator to report an unregistered UST or a UST that appears to not be in compliance with BUSTR regulations. A list of BUSTR coordinators by county are at: [https://www.comapps.ohio.gov/sfm/fire\\_apps/bust/bustr/SearchByCounty.asp](https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/SearchByCounty.asp).

**PROHIBITIONS**

1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**NOTE:** For example, used oil contaminated scrap metal stored in a pile.

2.	Is used oil used as a dust suppressant? [3745-279-12(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

**NOTE:** Multiple used oil checklists may be applicable if used oil handler is performing multiple tasks (e.g., if generating used oil and shipping directly to a burner, complete generator and marketer checklists at a minimum).

**GENERATOR STANDARDS**

4.	Does the generator mix hazardous waste with used oil? If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**NOTE:** Used Oil mixed with listed (3745-51-30 to 3745-51-35) or characteristic (3745-51-20 to 3745-51-24) hazardous waste are subject to regulation as a hazardous waste, unless the listed hazardous waste is listed solely because it exhibits a hazardous characteristic, and the resultant mixtures do not exhibit a characteristic. Mixtures of used oil and CESQG hazardous waste are subject to OAC Chapter 3745-279.

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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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**NOTE:** If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.

6.	Does the generator store used oil in tanks; or containers; or a unit(s) subject to regulation as a hazardous waste management unit? [3745-279-22(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7.	Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
8.	Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil"? [3745-279-22(C)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]	
a.	Stopped the release?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Contained the release?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Cleaned up and properly managed the used oil and other materials?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

ON-SITE BURNING IN SPACE HEATER		
10.	Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Are the combustion gases from heater vented to the ambient air?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).</i>		
GENERATOR TRANSPORTATION		
11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#? [3745-279-24]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	Does the generator self-transport used oil to an approved collection site or to an aggregation point owned by the generator? [3745-279-24]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator? [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time? [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Used oil generators may arrange for used oil to be transported by a transporter without a U.S. EPA ID # if the used oil is reclaimed under a contractual agreement (i.e., tolling arrangement).</i>		
COLLECTION CENTERS AND AGGREGATION POINTS		
13.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Complete Used Oil Generator and any other applicable used oil handler checklist (e.g., marketer, burner, etc.) for used oil collection centers and aggregation points.</i>		

**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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
2.	Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in OAC rule 3745-273-17 or managing specific wastes as provided in OAC rule 3745-273-13? [3745-273-11(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

**WASTE MANAGEMENT AND LABELING/MARKING**

**UNIVERSAL WASTE BATTERIES**

3.	Are batteries that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
6.	If the electrolyte is removed or other wastes generated, has it been determined whether the electrolyte or other wastes exhibit a characteristic of hazardous waste? [3745-273-13(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	If the electrolyte or other waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? [3745-273-13(A)(3)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
7.	Are the batteries or containers of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-14(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

**UNIVERSAL WASTE LAMPS**

8.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

**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 rule 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility using a hazardous waste manifest.**

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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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ACCUMULATION TIME		
11.	Is the waste accumulated for less than one year? [3745-273-15(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If not, is 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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Accumulation is defined as date generated or date received from another handler.</i>		
12.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-15(C)]  If yes, describe below: Universal waste manifests document shipments of less than one year apart.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
RESPONSE TO RELEASES		
14.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
15.	Is the material released characterized? [3745-273-17(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	If the material released is a hazardous waste, was 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 OAC Chapter 3745-52) [3745-273-17(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OFF-SITE SHIPMENTS		
<i>NOTE: If a SQUWH self-transport waste, then the handler must comply with the Universal Waste transporter requirements.</i>		
17.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
18.	Is the handler aware of DOT requirements for packaging and shipping?  If no, make aware of 49 CFR 171-180.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-18(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	If yes, did the originating handler receive the waste back or agree to where the shipment was sent? [3745-273-18(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
21.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss and do <u>one</u> of the following:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-18(F)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	If the handler received a shipment of hazardous waste that was not a universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
EXPORTS		

23.	Is waste being sent to a foreign destination? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Does the small quantity handler comply with primary exporter requirements in OAC rules 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is waste exported only upon consent of the receiving country and in conformance with the U.S. EPA "Acknowledgment of Consent" as defined in OAC rules 3745-52-50 to 3745-52-57? [3745-273-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

