



State of Ohio Environmental Protection Agency

FILE COPY

STREET ADDRESS:

Central District Office

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

June 24, 2010

Mr. Alex Kessler  
NB Coatings  
16645 Square Drive  
Marysville, OH 43040

Re: **NB Coatings**  
**Small Quantity Generator**  
**OHD982062713**  
**Union County**  
**NOV**

Dear Mr. Kessler:

Thank you for accompanying me during Ohio EPA's June 10, 2010 inspection of NB Coating's facility in Marysville, Ohio. We inspected NB Coatings to determine its compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC). Our inspection included a review of company operations and written documentation.

During the inspection we identified the following violation of Ohio's hazardous waste rules.

1. **OAC Rule 3745-66-74, Container Accumulation Area Inspections:** *Owner or operator must inspect areas where containers are stored weekly. The owner or operator must record inspections in a log or summary.*

At the time of the inspection NB Coatings was conducting weekly inspections and had a log for the inspections however it had been several months since the log had been filled out.

NB Coatings should submit to this office a copy of the log which shows the inspections being logged for the most recent two week period. The copy of the inspection log must be submitted to this office within 30 days of receipt of this letter.

2. **OAC Rule 3745-52-40 (A), Recordkeeping:** *Generator must keep a copy of each manifest signed in accordance with OAC 3745-52-23 for three years.*

During the inspection we reviewed NB Coatings manifests. These were not in order and we could not find return copies of the manifest to Giant Resource Recovery (Giant) for the sent dates 10-28-2009 and 04-17-2008. You stated you had received these but misplaced them or they were among the paperwork you had on site.

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

Mr. Alex Kessler  
NB Coatings  
06/10/2010  
Page 2

Please send a copy of the returned copy ( the signed by Giant copy ) of these two manifests. If you cannot find them Giant may be able to fax or send them to you. The phone number off the manifest for Giant was 803-773-1400. These copies should be received in this office no later than 30 days from receipt of this letter.

The Ohio Department of Development's Office of Energy Efficiency may be able to help with energy efficiency issues. Their website is at: <http://www.development.ohio.gov/cdd/oeef/>

If you would like a free, non-regulatory on-site pollution prevention assessment or if you would like more information about pollution prevention, please contact Dan Sowry at (614) 728-8575. Ohio EPA has helpful information about this at the following web address: <http://www.epa.ohio.gov/ocapp/>

The Division of Hazardous Waste Management (DHWM) has created an electronic news service to provide you with updates related to hazardous waste activities in Ohio. You can find more information and sign up for this free service at the following Web link: [http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc\\_serve.php?2=subscriptionpage](http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc_serve.php?2=subscriptionpage)

Enclosed is a copy of the checklists that we completed as a result of the inspection. You can find Ohio's hazardous waste rules and other information on the division's web page at: <http://www.epa.ohio.gov/dhwm/>

Should you have any questions, please feel free to call me at (614) 728-5036.

Sincerely,



Chris Bulinski  
Environmental Specialist  
Central District Office  
Division of Hazardous Waste Management

Enclosures

c: CDO, DHWM File

CB/nsm NBcoatingsNOV

**NOTICE:**

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

Send to Central Office <input checked="" 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 [paula.canter@epa.state.oh.us](mailto:paula.canter@epa.state.oh.us).

<b>Site EPA ID No.</b>	EPA ID Number: <b>OHD982062713</b>	
<b>Site Name</b>	Name: <b>NB Coatings</b>	Website: <b>www.nbcoatings.com</b> (Optional)
<b>Site Location Information</b>	Street Address: <b>16645 Square Drive</b>	
	City, Town, or Village: <b>Marysville</b>	State: <b>OH</b>
	County Name: <b>Union</b>	Zip Code: <b>43040</b>
<b>Site Land Type</b> (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"/>	
<b>NAICS code(s)</b> <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	<b>32551</b>	

<b>Facility Representative</b>	First Name: <b>Andrew</b>	Mi: <b>A.</b>	Last Name: <b>Kesser</b>
Additional names can be recorded in number 12	Title: <b>Honda Team Technical Coordinator</b>		
Only provide address information if it is different than the site address	Phone Number: <b>937-642-5590</b>		Phone Number Extension:
	E-Mail Address: <b>akessler@nbcoatings.com</b>		
	Fax Number: <b>937-642-5497</b>		Fax Number Extension:
	Street or P.O. Box:		
	City, Town or Village:		
	State:	Zip Code:	

<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: <b>NB Coatings</b>		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: <b>2701 East 170<sup>th</sup></b>			
	City, Town or Village: <b>Lansing</b>		Owner Phone #:	
	State: <b>IL</b>		Country: <b>US</b>	Zip Code: <b>60438</b>
	Name of Site's Operator:		Date Became Operator (mm/dd/yyyy):	
	Operator Type:	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:	

<b>VIOLATIONS CITED?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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**TYPE OF HANDLER - MARK "X" AS APPROPRIATE**

<input type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11 <input type="checkbox"/> Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). <i>Check the box for the applicable generator status and provide a comment.</i>	<input type="checkbox"/> Large Quantity Generator (LQG) <input checked="" type="checkbox"/> Small Quantity Generator (SQG) <input 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
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TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)	
<input type="checkbox"/> Hazardous Waste Transporter	<input type="checkbox"/> Exempt Boiler and/or Industrial Furnace
<input type="checkbox"/> Hazardous Waste Transfer Facility	<input type="checkbox"/> Small Quantity On-Site Burner Exemption
<input type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste	<input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption
<input type="checkbox"/> Recycler of Hazardous Waste	<input type="checkbox"/> Underground Injection Control Facility
	<input type="checkbox"/> Receives Hazardous Waste from Off-site

UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED (CHECK ALL BOXES THAT APPLY))	
<input type="checkbox"/> Small Quantity Handler of Universal Waste	<input type="checkbox"/> Destination Facility for Universal Waste
<input type="checkbox"/> 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
<input type="checkbox"/> Batteries
<input type="checkbox"/> Pesticides
<input type="checkbox"/> Mercury containing equipment
<input type="checkbox"/> Lamps

USED OIL ACTIVITIES (INDICATE TYPE(S) OF ACTIVITY(S))
<input type="checkbox"/> Used Oil Generator
<input type="checkbox"/> Used Oil Transporter
<input type="checkbox"/> Used Oil Transfer Facility
<input type="checkbox"/> Used Oil Processor
<input type="checkbox"/> Used Oil Re-refiner
<input type="checkbox"/> Off-Specification Used Oil Burner
<input type="checkbox"/> Used Oil Fuel Marketer who directs shipment of Off-Spec Used Oil
<input type="checkbox"/> Used Oil Fuel Marketer who first claims the Used Oil meets the specifications

**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	F003	F005	D035	
<b>COMMENTS: USE THIS AREA TO DESCRIBE WHETHER THE INSPECTION WAS ANNOUNCED, WHETHER THE WASTE IS STORED IN TANKS OR CONTAINERS, ETC.</b>				
Announced	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Additional Facility Representatives:	
Tanks	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Containers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		

Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/Time (mm/dd/yyyy) (hh:mm)
Chris Bulinski		06/10/2010 9:30

**Comments:**

## Remarks and Process Description:

NB Coatings is located at 16645 Square Drive Marysville, Ohio. They conduct testing on their automotive coatings for Honda auto assembly plants in Marysville and East Liberty. This technical service center is located close to the Honda for quick service and turnaround. The testing takes place in an electrostatic spray booth equipped with a robotic arm the same as is used at Honda. Also the recycling of the paint through the tank and pipes is duplicated in another test area. This duplicates the flow of paint on the assembly plant floor. Solvent is used to clean out the tanks, lines and guns and when spent is placed in the 180 day area. Several different solvents are used for this purpose: acetone, methyl ethyl ketone, N butyl acetate, and methyl amyl ketone. The facility representative's name is Alex Kessler.

The use of the above listed solvents to clean and purge generate a hazardous liquid waste with the F003, F005, D001 and D035. The wipes, protective coverings for the robot, masking, and personal protective equipment are sent as another waste stream with the F003, F005 and D001 waste codes and occasionally the D035 when methyl ethyl ketone is used. I asked Alex Kessler the facility representative about the listings applied to the waste stream because the listing does not carry over to wipes. He stated there could be free liquid in the drums and they added the listings to be on the safe side. NB Coatings is a small quantity generator of hazardous waste. I calculated the hazardous waste generation in 2009 and 2010 and it came out 454 pounds each month on average. Three different treatment storage disposal (TSD) were used to receive/treat the hazardous waste from this facility in the last three years. These were Spring Grove Resource Inc. 4879 Spring Grove Avenue, Cincinnati, Ohio 45232, Giant Resource Recovery 755 Industrial Road Sumpter, SC 29150, and Petro-Chem Processing Group 421 Lycaete, Detroit Michigan 48214.

Some of the shipments of hazardous waste which NB Coatings have made for the last few years in reverse chronological order were:

03-03-2010: 812 pounds, 3 drums liquid, F003, F005, D001, D035 and 1101 pounds 3 drums solids F003, F005, D001, D035 to Petro-Chem Processing Group for storage, bulking or offsite treatment.

10-28-2009: 1781 pounds, 7 drums liquid, F003, F005, D001, D035 to Giant Resource Recovery, return copy of manifest could not be found.

04-21-2009: 982 pounds, 2 drums liquid, F003, F005, D001, D035 to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

01-15-2009: 1216 pounds, 3 drums liquid, F003, F005, D001, D035 and 439 pounds F003, F005, D001, D035 to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

11-24-2008: 405 pounds, 1 drum liquid, F003, F005, D001, D035 to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

09-05-2008: 410 pounds liquid, 1 drum , F003, F005, D001, D035 and 238 pounds, 1 drum solid, F003, F005, D001, D035 to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

08-06-2008: 720 pounds liquid, 2 drums, F003, F005, D001, D035 and 178 pounds solid, F003, F005, D001 to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

07-02-2008: 1750 pounds liquid, 4 drums, F003, F005, D001, D035, to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

06-11-2008: 360 pounds solid, 2 drums, F003, F005, D001, to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

04-17-2008: 190 pounds solid, 1 drum, F003, F005, D001, to Giant Resource Recovery for fuels blending prior to energy recovery at another site.

11-02-2007: 195 gallons, 4 drums liquid, D001, D035, F003, F005 to Spring Grove Resource Recovery for fuels blending prior to energy recovery at another site and 55 gallons solid, 1 drum F003, F005 for storage, bulking or offsite treatment.

NB Coatings uses Philips Alto TCLP compliant 4 foot 24 watt T8 bulbs these are placed back into the box they come in and disposed as a solid waste.

**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:

**GENERAL REQUIREMENTS**

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
2.	Has the generator obtained a U.S. EPA I.D. number? [3745-52-12]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
3.	Has the generator transported or caused to be transported hazardous waste to <b>other</b> than a facility authorized to manage the hazardous waste? [ORC 3734.02 (F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
4.	Has the generator disposed of hazardous waste <b>on-site without a permit</b> or at another facility <b>other</b> than a facility authorized to dispose of hazardous waste? [ORC 3734.02 (E) & (F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
5.	Does the generator accumulate hazardous waste?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

6.	Has the generator accumulated hazardous wastes <u>in excess of</u> (180/270) days without a permit or an extension from the Director? [3745-52-34; ORC §3734-02(E)&(F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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**NOTE: SQG's shipping waste to a facility greater than 200 miles away can accumulate on-site for 270 days. [3745-52-34 (E)]**

7.	Is the generator accumulating more than 6,000 kg on site? [3745-52-34(D)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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**NOTE: 6,000 kg = approximately 27, 55-gallon drums. If the facility is accumulating waste for greater than 180/270 days without an extension/permit or is accumulating greater than 6,000 kg on-site, it is classified as a storage facility and TSD standards apply. Complete applicable TSD checklists.**

8.	Does the generator treat hazardous waste in a:	
a.	Container that meets 3745-66-70 to 3745-66-77?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Tank that meets 3745-66-101?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Drip pads that meet 3745-69-40 to 3745-69-45?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Containment building that meets 3745-256-100 to 3745-256-102?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**NOTE: Complete appropriate checklist for each unit.**

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

**MANIFEST REQUIREMENTS**

9.	Are all hazardous wastes either reclaimed under a contractual agreement as defined in OAC rule 3745-52-20(E), or shipped off-site accompanied by a manifest (U.S. EPA Form 8700-22)? [3745-52-20(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
10.	Are wastes reclaimed under a contractual agreement? If so: [3745-52-0(E)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Does the contractual agreement specify the type of waste and frequency of shipment?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is the transport vehicle owned and operated by the reclaimer?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

c.	Is a copy of the reclamation agreement kept on-site for at least three years after termination/expiration of the agreement?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: If wastes are reclaimed under a contractual agreement and an answer to questions 10(a) through 10(c) is no, the generator is in violation of 3745-52-20 (A) (B) & (D), 3745-52-22 and 3745-52-23. Even if the waste is being reclaimed under agreement, LDRs still apply. Complete LDR checklist.		
11.	Have items 1 through 20 of each manifest been completed? [3745-52-20(A)(1)] & [3745-52-27(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations, items (21) through (35) must also be complete. [3745-52-20(A)(1)]		
12.	Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: The generator may designate on the manifest one alternative 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 alternative TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Have the manifests been signed by the generator and initial transporter? [3745-52-23 (A) (1) and (2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have made a good faith effort to minimize their waste generation.		
15.	If the generator did not receive a return copy of each completed manifest within 60 days of being accepted by the transporter did the generator submit to Ohio EPA, a copy of the manifest with some indication that the generator has not received confirmation of delivery? [3745-52-42(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
16.	Are signed copies of all manifests being retained for at least three years? [3745-52-40] Two manifests did not have the TSD signed copy at the time of the inspection.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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.		
<b>PREPAREDNESS AND PREVENTION</b>		
17.	Is an emergency coordinator available at all times (on-site or on-call)? [3745-52-34(D)(5)(a)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
18.	Has the following been posted by the telephone: [3745-52-34(D)(5)(b)]	
a.	Name and telephone number of emergency coordinator?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Location of fire and spill control equipment, and, if present, fire alarm(s)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Telephone number of local fire department?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Are employees familiar with waste handling and emergency procedures? [3745-52-34(D)(5)(c)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Has the facility properly responded to all fires and spills? [3745-52-34(D)(5)(d)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
21.	Is the facility operated to minimize the possibility of fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste? [3745-65-31]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	b.	Emergency communication device? [3745-65-32(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	c.	Portable fire control, spill control and decon equipment? [3745-65-32(C)]?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	d.	Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
23.		Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	a.	Are inspections recorded in a log or summary? [3745-65-33]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
24.		Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste ( <i>unless the device is not required under OAC 3745-65-32</i> )? [3745-65-34(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
25.		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 ( <i>unless not required under OAC 3745-65-32</i> )? [3745-65-34(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
26.		Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
27.		Has the generator attempted to familiarize emergency authorities with possible hazards and facility layout? [3745-65-37(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
28.		Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<b>SATELLITE ACCUMULATION AREA REQUIREMENTS</b>					
29.		Does the generator ensure that satellite accumulation area(s):			
	a.	Are at or near a point of generation? [3745-52-34(C)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	b.	Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	c.	Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	d.	Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	e.	Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	f.	Containers are marked with the words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
30.		Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	b.	Did the generator mark the container(s) holding the excess with the accumulation date when the 55 gallon (one quart) limit was exceeded? [3745-52-34(C)(2)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<p><i>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.</i></p>					
<b>USE AND MANAGEMENT OF CONTAINERS</b>					
31.		Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(D)(4)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

32.	Is the accumulation date on each container? [3745-52-34(D)(4)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
33.	Are hazardous wastes stored in containers which are:	
a.	Closed (except when adding/removing wastes)? [3745-66-73(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	In good condition? [3745-66-71]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Compatible with wastes stored in them? [3745-66-72]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Handled in a manner which prevents rupture/leakage? [3745-66-73(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

**NOTE: Record location on process summary sheets and photograph the area.**

34.	Is the container accumulation area(s) inspected at least weekly? [3745-66-74] Per ORC§1.44(A) "Week" means seven(7) consecutive days.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Are inspections recorded in a log or summary? [3745-66-74] The inspections had been recorded on a log until recently.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
35.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
36.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
37.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**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.**

**PRE-TRANSPORT REQUIREMENTS**

38.	Does each 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
39.	Does each container ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
40.	Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

**GENERATOR LDR CHECKLIST  
DOES NOT APPLY TO CESQGS**

**GENERAL REQUIREMENTS**

- |    |  |  |
|----|--|--|
| 1. | If LDRs do not apply, does the generator have a statement that lists how the HW was generated, why LDRs don't apply and where the HW went? [3745-270-07 (A)(7)]                  | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| 2. | Did the generator determine if the HW/soil must be treated to meet the LDR treatment standard prior to disposal? Generator knowledge or testing may be used. [3745-270-07(A)(1)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

*NOTE: This is done by determining if the HW /soil contains levels of constituents greater than the levels given in its LDR treatment standard in 3745-270-40. However, if a specific treatment method is given in 3745-270-40 for the HW, no determination is required [3745-270-07 (A)(1)(b)]. If soil, generator can choose to have soil treated to LDR levels given in 3745-270-49 (alternative treatment levels for soils).*

- |    |  |  |
|----|--|--|
| 3. | Does the generator have documentation of how he determined whether the HW/soil meets or does not meet the LDR treatment standard in 2, above? [3745-270-07(A)(6)(a) or 3745-270-07(A)(6)(b)]           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 4. | Does the generator keep the documentation required in #2, above, on-site for at least three years from the last date the HW/soil was sent on-site/off-site for treatment/disposal? [3745-270-07(A)(8)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 5. | Does the generator generate a listed HW that exhibits a characteristic? If yes,  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| a. | Did the generator determine if the listed HW exhibits a characteristic that is not treated under the LDR treatment standard for the listed HW? [3745-270-09(A)]  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

*FOR EXAMPLE: F006 that exhibits the characteristic for silver or K062 that is corrosive, D002. Review LDR treatment standard in 3745-270-40 to determine what constituents the listed HW is treated for.*

- |    |   |  |
|----|---|--|
| 6. | Did the generator determine if its characteristic HW contains underlying hazardous constituents that need to be treated? [3745-270-09(A)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
|----|---|--|

*NOTE: This is done by evaluating which underlying hazardous constituents (UHC) are in the HW at levels above the universal treatment standards given in 3745-270-48. This requirement does not apply to high total organic carbon (i.e., contains >10% TOC) D001 wastes or listed HWs.*

*NOTE: Written documentation of this determination is not required.*

- |    |   |  |
|----|---|--|
| 7. | Did the generator treat his HW /soil on-site <u>to meet</u> the LDR treatment standard? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
|----|---|--|

*NOTE If a Yes@ see question #16.*

- |     |  |  |
|-----|--|--|
| 8.  | Did the generator send a one-time LDR notification form to the TSD with the first shipment to that facility?[3745-270-07(A)(2)]          | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 9.  | Did the generator resubmit the LDR notification form to the TSD when the HW changed or the generator used a new TSD? [3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 10. | Does the generator have a copy of the LDR notification form on file?[3745-270-07(A)(2)]  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| a.  | Is the form kept on file for three years after last HW shipped? [3745-270-07(A)(8)]  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

**NOTIFICATION FORM**

- |     |   |  |
|-----|---|--|
| 11. | Does the LDR Notification form contain the following information:   |  |
| a.  | Manifest number of the first waste shipment to the TSD?[3745-270-07(A)(2)]  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| b.  | Applicable waste codes (includes characteristic codes for a listed HW if applicable)? [3745-270-07(A)(2)]                           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| c.  | A statement that conveys that the HW is subject to LDRs and must be treated to meet LDR treatment requirements? [3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| d.  | A designation whether the HW is a wastewater or non-wastewater? [3745-270-07(A)(2)].  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

**NOTE: A wastewater contains <1% by wt. total suspended solids(TSS) and <1% by wt. TOC. If you doubt the HW is a wastewater or non-wastewater, the HW can be tested using for example, Standard Methods (SM) 160.2 for TSS, SW-846 method 9060a for TOC.**

e.	Designation of the waste subcategory when applicable? [3745-270-07(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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**NOTE: Subcategories are found on the LDR treatment standards table under the applicable waste code. Not all HWs have subcategories**

f.	A listing of the underlying hazardous constituents for which a characteristic waste must be treated? [3745-270-07(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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**NOTE: Not required if the waste is high TOC D001 or the TSD tests its treatment residues for all underlying hazardous constituents.**

g.	If the HW is F001-F005 or F039, did the generator note on the LDR form what solvents or constituents, respectively, the waste contains and must be treated for?[3745-270-07(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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**NOTE: Not required if the TSD tests its treatment residues for all underlying hazardous constituents.**

**PROHIBITED DILUTION**

12.	Is the HW treated by burning? If No, go to #15.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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13.	Is the HW a metal-bearing HW?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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**NOTE: Generally, metal-bearing HWs contain heavy metals above TCLP levels or were listed due to the presence of metals. A list of the restricted metal-bearing HWs are given in the Appendix to 3745-270-03.**

14.	a.	Metal-bearing HWs cannot be incinerated, combusted or, blended and burned for fuel unless <u>one</u> of the following conditions apply. [3745-270-03(c)]	
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	i.	Contains > 1% TOC?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	ii.	Contains organic constituents or cyanide at levels greater than the UST levels?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	iii.	Is made up of combustible material e.g., paper, wood, plastic?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	iv.	Has a reasonable heating value (e.g., > 5000 Btu)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	v.	Co-generated with a HW that must be combusted?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	b.	If all responses to 14 a. through 14 v. are No, HW is being improperly treated by dilution, violation of 3745-270-03(C). Is HW being treated by dilution?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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15.	Was the HW treated by wastewater treatment?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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	a.	Is a LDR treatment method, other than DEACT or a numerical value, specified for the waste? [3745-270-03(B) and 3745-270-40(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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**NOTE: If Yes, HW is improperly being treated by dilution.**

	b.	Does the waste carry the D001 code <u>and</u> contain $\geq 10\%$ TOC?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	c.	Does the wastewater treatment process include a process to separate/recover the organic phase of the waste?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
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**NOTE: If the answers to b & c are yes and no, respectively, waste is improperly being treated by dilution and generator is in violation of [3745-270-03(B) and 3745-270-40(A)(3)].**

**NOTE: A list of separation/recovery processes are given in 3745-270-42 under RORG.**

GENERATOR TREATMENT			
16.	Does the generator treat to meet LDRs on-site [3745-270-40(A)]?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	
	Did the generator treat his hazardous waste/soil on-site in a tank, container, drip pad or containment building <u>to meet</u> the LDR treatment standard?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	If a Yes@...complete the rest of the checklist. If a No@...stop...you are done.		
a.	Does the generator have a written waste analysis plan (WAP) that describes the procedures he will follow to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
b.	Did the generator use a detailed chemical and physical analysis of the HW/soil in order to develop the WAP? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
<b>NOTE: This is a laboratory analysis but it does not have to be kept by the generator.</b>			
c.	Does the WAP contain all information necessary to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
d.	Does the WAP include the testing frequency of the treated HW/soil to demonstrate that the LDR treatment standard is being met? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
e.	Does the generator keep the WAP on-site? [3745-270-07(A)(5)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
f.	Is the WAP available for the inspector's review during the inspection? [3745-270-07(A)(5)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
NOTIFICATION FORM			
17.	a.	Contains all information in #11 a-g above and	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	If the treated HW/soil is listed.....notification contains the following certification statement:  I certify under penalty of law that I personally have examined and am familiar with the waste, through analysis and testing or through knowledge of the waste, to support this certification that the waste complies with the treatment stands specified in rule 3745-270-40 to 3745-270-49 of the Administrative Code. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	If the treated HW/soil no longer exhibits a characteristic and is no longer a HW, did the generator:	
	i.	Send a one-time notification to the director?[3745-270- 09 (D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	ii.	Maintain a copy of the notice onsite?[3745-270-09(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii.	Include in the notification: [3745-270-09(D)(1)(a)]	
	1.	Name & address of receiving landfill?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	2.	Description of HW when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	3.	HW code when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	4.	Treatability group when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	5.	Underlying hazardous constituents present when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iv.	Contain the right certification statement as required by 3745-70-07(b)(4)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

