



**Environmental  
Protection Agency**

John R. Kasich, **Governor**  
Mary Taylor, **Lt. Governor**  
Scott J. Nally, **Director**

June 21, 2012

**RE: BARKER PRODUCTS  
OHD 070 763 339  
CUYAHOGA COUNTY  
NOTICE OF VIOLATION**

Mr. Gallagher  
The Barker Products Co.  
P. O. Box 10845  
Cleveland, OH 44110

Dear Mr. Gallagher:

On June 7 and June 8, 2012, I inspected Barker Products at 1028 East 134<sup>th</sup> Street, Cleveland, Ohio 44110. The purpose of this was to investigate a complaint and to determine if this facility was in compliance with Ohio's hazardous waste, universal waste and used oil laws and rules as found in Chapter 3734 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC).

The complaint alleged the presence of approximately a dozen totes and several drums of unlabeled liquid in the Quonset hut building and several unlabeled open-top containers filled with liquid and sludge just south of the cadmium plating line. I saw this material during the inspection. The majority of it was waste. Please see the enclosed inventory that I made during the inspection. This is the same inventory that I gave Elba Wade on June 8, 2012. Also see the corresponding violations cited below.

This location is a Large Quantity Generator (LQG) of hazardous waste. My inspection did not cover all the rules that apply to a LQG. I plan to do a full inspection in the future.

The following violations were found: (These follow the order of the enclosed checklists.)

1. **OAC Rule 3745-52-11 – Hazardous waste determination.**

This rule requires that any person who generates a waste must determine if that waste is a hazardous waste. The following documents, which offer more information on this, are enclosed:

Identifying Your Hazardous Waste, 2010

<http://www.epa.ohio.gov/portals/41/sb/publications/identifyingwaste.pdf>

OAC 3745-51-21 to 24 characteristic hazardous waste

OAC 3745-51-31 listed hazardous waste

[http://www.epa.ohio.gov/dhwm/laws\\_regs.aspx](http://www.epa.ohio.gov/dhwm/laws_regs.aspx)

Barker Products violated this rule by having containers of waste that had not been determined whether they are hazardous waste. These are shown on the enclosed inventory. Please indicate on this inventory or an inventory that you have created whether

a material is a hazardous waste. Please also include a description as to what this determination is based on, as well as, how the material will be used, shipped off site, or treated in the wastewater treatment system.

2. **OAC Rule 3745-52-41 – Annual report.**

This rule requires a generator who ships hazardous waste off site to submit an "Annual Hazardous Waste Report" by March 1<sup>st</sup> of each year.

Barker Products violated this rule by not submitting an annual report by March 1, 2012. You have since corrected this violation by submitting the 2011 annual report.

3. **OAC Rule 3745-65-31 – Maintenance and operation of facility.**

This rule requires facilities be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

Barker Products violated this rule by having a dark liquid waste on the floor by the containers stored in the Quonset hut building. In addition, on June 7, 2012, waste was seen on the floor at the roll-off box for the hazardous waste wastewater treatment sludge. On June 8, 2012, I saw that this waste had been cleaned up but that a new, smaller amount of this sludge was on the floor in a similar location. Please respond with a description of how these spills have been cleaned up and how they will be prevented in the future.

4. **OAC Rule 3745-65-35 – Required aisle space.**

This rule requires aisle space to be maintained to allow the unobstructed movement of personnel, fire protection equipment, and spill control equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of the above-mentioned purposes.

Barker Products violated this rule by not having adequate aisle space around its containers of hazardous waste stored in the Quonset hut building. On June 8, 2012, I saw that this violation had been corrected.

5. **OAC Rule 3745-52-34(C)(1)(b) – Satellite container labeling.**

This rule requires that containers in satellite accumulation areas be marked with the words "Hazardous Waste" or with other words identifying the contents. Some of the drums of hazardous waste next to your plating lines may qualify as satellite accumulation areas.

Barker Products violated this rule by having drums of hazardous waste at its plating lines that were not labeled as hazardous waste or with other words identifying the contents. Please send me a description and/or photos showing how this violation has been corrected.

6. **OAC Rule 3745-52-34(A)(3) – Container labeling.**

This rule requires that, while being accumulated and/or treated on site, each hazardous waste container and tank must be labeled clearly with the words “Hazardous Waste.”

Barker Products violated this rule by having most of the containers of hazardous waste stored in the Quonset hut building not labeled as hazardous waste. When I returned on June 8, 2012, you had labeled most of the containers, however, not with the required words of “hazardous waste”. For example, totes were labeled as Hex Chrome but, not as hazardous waste. Please send me a description and/or photos showing how this violation has been corrected.

7. **OAC Rule 3745-52-34(A)(2) – Accumulation start date.**

This rule requires that, while being accumulated and/or treated on site, each container of hazardous waste must be labeled with the date each period of accumulation and/or treatment began.

Barker Products violated this rule by having none of the containers of hazardous waste stored in the Quonset hut building labeled with an accumulation start date. When I returned on June 8 you had labeled most of the containers with the accumulation start date of 6-8-12, however, the true accumulation start date was not known. I understand that the spent chrome in these containers will be pumped out for shipment off site in the near future. Please send me a readable copy of the manifest that the transporter leaves with you when this waste is shipped off site. Please send me a description and/or photos showing how this violation has been corrected.

8. **OAC Rule 3745-66-73(A) – Closed containers.**

This rule requires that a container holding hazardous waste shall always be closed during storage, except when it is necessary to add or remove waste.

Barker Products violated this rule by having open containers of hazardous waste stored in the Quonset hut building. Please send me a description and/or photos showing how this violation has been corrected.

9. **OAC Rule 3745-66-74 – Inspections of container storage areas.**

This rule requires that the owner or operator inspect areas where containers of hazardous waste are stored, at least once during each period from Sunday to Saturday, looking for leaks and for deterioration caused by corrosion or other factors. The owner or operator must also record inspections in an inspection log or summary. An example inspection log is enclosed and can be found at: <http://epa.ohio.gov/portals/32/pdf/lqglog.PDF>. I will also e-mail you a Word copy of this log.

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Barker Products violated this rule by not conducting this inspection program. Please document your compliance with this rule by sending me a copy of two completed inspection logs.

**10. OAC Rule 3745-279-22(C) - Used oil labels.**

This rule requires containers, above-ground tanks, and fill pipes for underground tanks used for used oil to be labeled or marked clearly with the words "Used Oil."

Barker Products violated this rule by having a bucket of used oil that was not labeled as used oil. You must now properly label all containers of used oil and contact me when that has been done.

You need to immediately take the necessary measures to return to compliance with Ohio's environmental laws. Within 14 days of receipt of this letter, you are requested to provide documentation to me including the steps taken to abate the violations cited above. Such documentation may include written correspondence, updated policies, and photographs, as appropriate.

Please be advised that violations cited above will continue until the violations have been properly abated. Failure to comply with Chapter 3734 (or 3714 for C&DD) of the Ohio Revised Code and rules promulgated thereunder may result in a civil penalty of up to \$10,000 per day for each violation. If circumstances delay the abatement of violations, you are requested to submit written correspondence of the steps that will be taken by date certain to attain compliance.

Other information and suggestions:

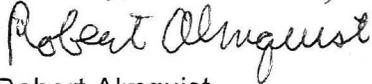
- Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) provides compliance and pollution prevention assistance on environmental issues (including sources of funding) related to air, land, and water. They can be contacted at (800) 329-7518, or <http://www.epa.ohio.gov/Default.aspx?alias=www.epa.ohio.gov/ocapp>.
- ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency. Their website is <http://www.energystar.gov/>.
- The Clean Air Resource Center offers help in understanding EPA air quality requirements. In addition, if your business is required to purchase new equipment, they can offer better-cost financing with special tax incentives. Their phone number is (800) 225-5051 and website is <http://www.ohioairquality.org/>.

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- Ohio Bureau of Workers' Compensation has an OSHA On-Site Consultation service which includes free on-site safety inspections and consultation, safety program assistance, and safety and hygiene training or seminars. More information can be found at: <http://www.ohiobwc.com/employer/programs/safety/SandHOSHAOnSite.asp>.

If you have any questions, please contact me at (330) 963-1217, or [robert.almquist@epa.ohio.gov](mailto:robert.almquist@epa.ohio.gov).

Sincerely,



Robert Almquist  
Division of Materials and Waste Management

RA:cl  
Enclosures

ec: Frank Popotnik, DMWM, NEDO  
Natalie Oryshkewych, DMWM, NEDO  
Marlene Kinney, DMWM, NEDO  
Anthony Becker, DAPC, NEDO  
Jeff Mayhugh, DMWM, CO  
Mary Ann Silagy, DMWM, CO  
Kathryn Crestani, NEORS

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 [brad.hauser@epa.state.oh.us](mailto:brad.hauser@epa.state.oh.us).

<b>Site EPA ID No.</b>	EPA ID Number: <b>OHD070763339</b>	
<b>Site Name</b>	Name: <b>Barker Products Co</b>	Website: (Optional)
<b>Site Location Information</b>	Street Address: <b>1028 E 134<sup>th</sup> St.</b>	
	City, Town, or Village: <b>Cleveland</b>	State: <b>OH</b>
<b>Site Land Type</b> (check only one)	County Name: <b>Cuyahoga</b>	
<b>NAICS code(s)</b> <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	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"/>	Zip Code: <b>44110</b>

<b>Facility Representative</b>	First Name: <b>same as last notification</b>	MI:	Last Name:
Additional names can be recorded in number 12	Title:		
Only provide address information if it is different than the site address	Phone Number:		Phone Number Extension:
	E-Mail Address:		
	Fax Number:		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>same as last notification</b>		Date Became Owner (mm/dd/yyyy):	
	Owner 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:		Owner Phone #:	
	State:	Country:	Zip Code:	
	Name of Site's Operator: <b>same as last notification</b>		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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<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"/> Short-Term/Temporary 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 checked="" type="checkbox"/> Large Quantity Generator (LQG)  <input 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

**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"/> 72-Hour Recycler                               | <input type="checkbox"/> Receives Hazardous Waste from Off-site        |

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

(CHECK ALL BOXES THAT APPLY)

- |   |   |
|---|---|
| <input checked="" 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<br>(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 Used Oil  
 Used Oil Fuel Marketer who first claims the Used Oil meets the specifications

**Eligible Academic Entities with Laboratories:** Facility has previously notified that they are opting into managing laboratory hazardous waste pursuant to OAC rules 3745-52-200 through 3745-52-216. Check the box(es) below to indicate the laboratory type.

- College or University  
 Teaching hospital that is owned by or has a formal written affiliation agreement with a college or university  
 Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

**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 RCRAInfo source record, you do not need to list them. Instead just indicate the date of the most recent source record.

**D006                      D007                      F006**

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

Announced	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Additional Facility Representatives:	<b>Elba Wade, Gerald Scott</b>
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)
<b>Robert Almquist</b>	<b>Anthony Becker on 6-8-12</b>	<b>6-7 and 8-2012</b>

**Comments:**

**LARGE QUANTITY GENERATOR REQUIREMENTS  
COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY**

CESQG: ≤100 Kg. (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:  $Amount\ in\ gallons \times Specific\ Gravity \times 8.345 = Amounts\ in\ pounds.$

Safety Equipment Used:

**GENERAL REQUIREMENTS was not a complete inspection**

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

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

9.	Has the generator accumulated hazardous waste on-site in excess of 90 days without a permit or an extension from the director ORC §3734.02(E)&(F)? <b>Unknown because accumulation start dates were not on containers</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: If F006 waste is generated and accumulated for > 90 days and is recycled see 3745-52-34(G)&(H).

10.	Does the generator treat hazardous waste in a: [ORC 3734.02(E)&(F)]	
	a. Container that meets 3745-66-70 to 3745-66-77?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Tank that meets 3745-66-90 to 3745-66-100 except 3745-66-97(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input 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 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 type="checkbox"/>

NOTE: Complete appropriate checklist for each unit.

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

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

e.	Are export related documents being maintained on-site? [3745-52-57(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>MANIFEST REQUIREMENTS</b>		
12.	Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
13.	Have items (1) through (20) of each manifest been completed? [3745-52-20(A)(1)]&[3745-52-27(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>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)(1)]</i>		
14.	Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>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)]</i>		
15.	If the transporter was unable to deliver a shipment of hazardous waste to the designated facility, did the generator designate an alternate TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1)&(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have a program in place to reduce the volume and toxicity waste they generate.</i>		
17.	If the generator received a rejected load or residue, did the generator:	
a.	Sign item 20 of the new manifest or item 18c of the original manifest? [3745-52-23(F)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Provide the transporter a copy of the manifest? [3745-52-23(F)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Send a copy of the manifest to the designated facility that returned the shipment with 30 days after delivery of the rejected shipment? [3745-52-23(F)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
18.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Are signed copies of all manifests and any exception reports being retained for at least three years? [3745-52-40]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: A generator who sends a shipment of hazardous waste to a TSD facility with the understanding that the TSD facility can accept and manage the waste and later receives that shipment back as a rejected load or residue may accumulate the waste on-site for &lt;90 days or &lt;180 days depending on the amount of hazardous waste on-site in that calendar month. [3745-52-34(M)]</i>		
<i>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.</i>		
<b>PERSONNEL TRAINING</b>		
21.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	Does the personnel training program, at a minimum, include instructions to ensure that facility personnel are able to respond effectively to emergencies involving hazardous waste by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

*NOTE: For facility employees that receive emergency response training pursuant to OSHA regulations, the facility is not required to provide separate emergency response training, provided that the overall facility training meets all the requirements of OAC 3745-65-16(A). [3745-65-16(A)(4)]*

23.	Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
24.	Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
25.	Does the generator provide refresher training to employees during each period from January 1 <sup>st</sup> to December 31 <sup>st</sup> and does each training occur within 15 months after the previous training? [3745-65-16(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
26.	Does the generator keep records and documentation of:	
	a. Job titles? [3745-65-16(D)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Job descriptions? [3745-65-16(D)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Type and amount of training given to each person? [3745-65-16(D)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. Completed training or job experience required? [3745-65-16(D)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
27.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

*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>

**CONTINGENCY PLAN**

28.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
29.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Arrangements with emergency authorities? [3745-65-52(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. A list of all emergency equipment, including: location, a physical description and brief outline of capabilities? [3745-65-52(E)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e. An evacuation plan for facility personnel where there is possibility that evacuation may be necessary? [3745-65-52(F)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

*NOTE: If the facility already has a "Spill Prevention, Control and Countermeasures Plan" under 40 CFR Part 112 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. The facility may develop one contingency plan which meets all regulatory requirements. Ohio EPA recommends that the plan be based on the "National Response Team's Integrated Contingency Plan Guidance (One Plan)." [3745-65-52(B)]*

30.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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31.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
32.	Is an emergency coordinator available at all times (on-site or on-call)? [3745-65-55]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

*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

33.	Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Was the contingency plan implemented? [3745-65-51(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Did the facility follow the emergency procedures in 3745-65-56(A) through (H)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Did the facility submit a report to the Director within 15 days of the incident as required by 3745-65-56(I)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

*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

34.	Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
35.	Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:	
	a. Internal communications or alarm system? [3745-65-32(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Emergency communication device? [3745-65-32(B)]	Yes <input 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 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

36.	Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
37.	Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
38.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
39.	If there is only one employee on the premises, is there immediate access to a device (eg. phone, hand held two-way radio) capable of summoning external emergency assistance (unless not required under 3745-65-32)? [3745-65-34(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
40.	Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
41.	Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
42.	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 type="checkbox"/>

SATELLITE ACCUMULATION AREA REQUIREMENTS		
43.	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 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 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 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 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 type="checkbox"/>
	f.	Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
44.	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 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 type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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		
45.	Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)]	
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
46.	Is the accumulation date on each container? [3745-52-34(A)(2)]	
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
47.	Are hazardous wastes stored in containers which are:	
	a.	Closed (except when adding/removing wastes)? [3745-66-73(A)]
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	b.	In good condition? [3745-66-71]
		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Compatible with wastes stored in them? [3745-66-72]
		Yes <input 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Record location on process summary sheets, photograph the area, and record on facility map.		
48.	Is the container accumulation areas(s) inspected at least once during the period from Sunday to Saturday? [3745-66-74]	
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Are inspections recorded in a log or summary? [3745-66-74]
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
49.	Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76]	
		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
50.	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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
51.	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 type="checkbox"/>

52.	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 type="checkbox"/>
<p><i>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.</i></p>		
53.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: Please provide a description of the unit and documentation provided by the generator for the file to demonstrate that closure was completed in accordance with the closure performance standards. If the generator has closed a &lt;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]</i></p>		
<p><b>PRE-TRANSPORT REQUIREMENTS</b></p>		
54.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
55.	Does each container ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
56.	Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: Continue with the generator LDR requirements on the next page.</i></p>		

### GENERATOR LDR REQUIREMENTS

*NOTE: This LDR checklist does not include the requirements for generators that treat to meet LDR standards. If the generator treats, the inspector should use the stand-alone Generator LDR checklist instead of this checklist.*

#### 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 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)] If not,	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Did the generator send the waste to a permitted HW TREATMENT facility? [3745-270-07(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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).</i></p>		
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 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 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 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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.</i></p>		
6.	Did the generator determine if its characteristic HW contains underlying hazardous constituents that need to be treated? [3745-270-09(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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 &gt;10% TOC) D001 wastes or listed HWs.</i></p>		
<p><i>NOTE: Written documentation of this determination is not required.</i></p>		
7.	Did the generator treat his HW /soil on-site to <u>meet</u> the LDR treatment standard?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: If "Yes" see question #16.</i></p>		
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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If the generator chose not to make the determination of whether his waste must be treated, did he send a notice to the TSD facility with each shipment? [3745-270-07(A)(2)] If so, did the notice include:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
i.	Applicable HW codes?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
ii.	Manifest number of the first shipment to the TSD?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
iii.	A statement that conveys that the HW may or may not be subject to the LDR treatment standards and the TSD must make that determination."?	Yes <input 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
10.	Does the generator have a copy of the LDR notification form/notice on file?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	[3745-270-07(A)(2)]		
a.	Is the form/notice kept on file for three years after last HW shipped? [3745-270-07(A)(8)]	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>NOTIFICATION FORM</b>			
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 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 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 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 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 type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
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 type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
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 type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Not required if the TSD tests its treatment residues for all underlying hazardous constituents.			
<b>PROHIBITED DILUTION</b>			
12.	Is the HW treated by burning? If "No" go to #15.	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
13.	Is the HW a metal-bearing HW?	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
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 is given in the Appendix to 3745-270-03.			
14.	a.	Metal-bearing HWs cannot be incinerated, combusted or, blended and burned for fuel unless <b>one</b> of the following conditions apply. [3745-270-03(c)]	
	i.	Contains > 1% TOC?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	Contains organic constituents or cyanide at levels greater than the UTS levels?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iii.	Is made up of combustible material e.g., paper, wood, plastic?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iv.	Has a reasonable heating value (e.g., > 5000 Btu)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	v.	Co-generated with a HW that must be combusted?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	If all responses to 14 a.i. through 14 a.v. are "No", HW is being improperly treated by dilution, violation of 3745-270-03(C). Is HW being treated by dilution?	
15.	Was the HW treated by wastewater treatment?		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	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 type="checkbox"/>
<i>NOTE: If "Yes", HW is improperly being treated by dilution.</i>		
	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 type="checkbox"/>
	c. Does the wastewater treatment process include a process to separate/recover the organic phase of the waste?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: If the answers to b &amp; 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)].</i>		
<i>NOTE: A list of separation/recovery processes are given in 3745-270-42 under RORG.</i>		

**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 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 type="checkbox"/> N/A <input checked="" 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 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)] <b>no releases seen</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Stopped the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Contained the release?	Yes <input 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 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

<b>ON-SITE BURNING IN SPACE HEATER</b>		
10.	Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so:	
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>		
<b>GENERATOR TRANSPORTATION</b>		
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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transport used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	
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 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 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>		
<b>COLLECTION CENTERS AND AGGREGATION POINTS</b>		
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 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 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 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>		

#	Container description	Container Volume, gallons	How full	Container markings	Shown in Photo #	Waste description	Hazardous Waste?	other
1	Tote		Full	Haz waste	1	Sludge from cleaning out lines	Yes	Will go into rolloff box
2	Bucket	5	Not very		2	Used oil from compressor	No	
3	Blue plastic drum	55	½			Wax that is not used anymore		
4	Blue plastic drum	55	Full			Wax that is not used anymore		
5	3 totes		¾	Spent chrome hazardous waste batch treated daily	3, 4, 11, 12, and 13	Spent chrome	Yes	They pour some from another container into this tote everyday
6	2 blue plastic drums, tops cut off	55	3/4		5	Spent chrome	Yes	Been there about a week
7	19 totes					Zinc solution		Generate extra solution from drag in. It will be put back in process during warmer months to replace evaporation.
8	3 totes				6	Waste cleaner		
9	2 blue plastic drums	55		Techniclean LS2111, contains trisodium phosphate	7	Cleaner that was tried but that didn't work well		Hopefully can send back to vendor
10	3 white plastic drums	55			8		no	Waxes and lubes to be used
11	Blue plastic drum with top cut off	55	½		9	Trash with remains of a solution that evaporated	Yes	Told to ship as hazardous waste or have

								it tested
12					10	Dark liquid on the floor	Yes	Told to clean up such as by putting floor dry on it and then removing the floor dry. Said that floor dry could be put into drum #11.
13	Blue plastic drum	55	1/2			Looks like oil, maybe is oil skimmed off process tanks		
14	2 totes					Spent acid		Will be used as substitute for WWT chemical
15					14	Waste on floor at base of sludge roll-off box. Had spill and put down floor dry.	Yes	Told it has to be cleaned up
16	3 blue plastic drums with lids cut off	55			15 and 16	Spent chrome		These were by the line
17	blue plastic drum with lid cut off	55	Full		17	Spent acid		This was by the line
18	blue plastic drum with lid cut off	55	3/4		19	Operator said it was water		This was by the line