



**Environmental  
Protection Agency**

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

September 9, 2011

**RE: SERVICE SPECIALTIES  
CANNONS MILL ROAD  
NOTICE OF VIOLATION**

Craig Norris  
Service Specialties, Inc.  
PO Box 2411  
East Liverpool, OH 43920

Dear Mr. Norris:

On August 30, 2011, I inspected Service Specialties located at 14895 Cannons Mill Road, East Liverpool, Ohio. The purpose of this was to investigate a complaint and determine if Service Specialties was in compliance with Ohio's hazardous 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).

This letter will document any violations and concerns found and outline what you need to do to correct them. A written response to these issues is required within 30 days.

The complaint alleged that paint waste and other chemicals are dumped outside and inside the facility. We did find some liquid solvent-based paint in containers in the solid waste dumpster and small leaks (leak in drum trailer, used oil spots on ground, and a leaking battery). These issues are addressed below. No other evidence of waste dumping was found.

There are three categories of hazardous waste generators based mainly on the total weight of hazardous waste generated in a calendar month. In certain cases this can also be based on the total weight of hazardous waste on site. Some rules are specific to just one or two of these categories. A facility's category and the rules it must follow can change from month to month. The categories are a Conditionally Exempt Small Quantity Generator (CESQG) who generates from 0 to 220 pounds, a Small Quantity Generator (SQG) who generates 220 pounds to 2,200 pounds, and a Large Quantity Generator (LQG) who generates over 2,200 pounds. The following document which gives more information about this was given to you:

**Hazardous Waste Generator Categories and Episodic Generation 2007**

[http://epa.ohio.gov/portals/32/pdf/Episodic\\_Generation.pdf](http://epa.ohio.gov/portals/32/pdf/Episodic_Generation.pdf)

You gave us a copy of the log you use to record the hazardous waste solvent (MEK and xylene) that goes into your distillation unit. You also described and showed us other paint waste that does not go into your distillation unit. Based on this, it appears you normally generate less than 220 pounds of hazardous waste during a month. This would normally put you in the smallest category (CESQG), however, you currently have over 2,200 pounds of hazardous waste on site. This puts you into the middle category (SQG). We saw about 16 drums of waste in your trailer. You said three of these drums contained used oil. You said the remainder of the drums (except

Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 44087-1924

330 | 963 1200  
330 | 487 0769 (fax)  
[www.epa.ohio.gov](http://www.epa.ohio.gov)

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You said three of these drums contained used oil. You said the remainder of the drums (except one that contained hydrochloric acid) contained different kinds of waste paint including solvent based waste paint and that the paints were mixed in all of the drums. You said this waste has been here for about 10 years since you opened. I estimate these 13 drums of hazardous waste weigh around 5,200 pounds.

**As we discussed at the inspection, the main thing you need to do, as soon as possible, is provide for the proper disposal of the hazardous waste currently at your facility. Please keep me posted on your actions regarding this.**

A completed SQG inspection checklist is enclosed and the violations listed below follow the order of that checklist. A blank CESQG checklist is enclosed for comparison.

The following violations were found:

**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 were given to you during the inspection:

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

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

Service Specialties violated this rule by disposing of waste lamps (including fluorescent lamps) with regular trash without determining whether or not they are a hazardous waste. Fluorescent and some other types of lamps contain mercury and may contain other hazardous metals. When burned out they may be a hazardous waste. In general, waste lamps should be saved in a properly labeled and closed container (such as a cardboard box) and picked up by a lamp recycler. The following document which gives more information on this was given to you during the inspection:

Ohio's Universal Waste Rules: Are You Handling Used Lamps Correctly?, 2010

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

Also local lamp recycling companies are listed in the following document which was given to you during the inspection:

Waste Disposal and Recycling Companies in Northeast Ohio, 2009

Your hazardous waste hauler may also be able to pick up waste lamps. **Please send me a description of how you will now properly manage waste lamps.**

**respond with whether this waste is a hazardous waste and how you plan to manage and dispose of it.**



2. **OAC Rule 3745-52-12 – Generator identification numbers.**

This rule requires that a generator not treat, store, dispose of, transport, or offer for transportation hazardous waste without having received a USEPA identification (ID) number.

Service Specialties violated this rule by storing hazardous waste without obtaining an ID number. You must now obtain such a number. Questions regarding this can be directed to Brad Hauser at (614) 644-1694. **Please send me notification when this has been completed.**

3. **Ohio Revised Code (ORC) 3734.02(F) – Causing hazardous waste to be transported to an unpermitted facility.**

ORC 3734.02(F) states that no person shall cause hazardous waste to be transported except to (in general) a facility operating under a hazardous waste permit.

Service Specialties violated ORC 3734.02(F) by causing the transportation of hazardous waste to a solid waste landfill. The waste that is left from the distillation of your waste MEK and xylene is called still bottoms. I gave you a copy of OAC 3745-51-31 which explains that these still bottoms are also covered by the F003 and F005 hazardous waste codes. You told me these still bottoms are put into your solid waste dumpster. We also saw liquid paint that had a solvent odor to it in the solid waste dumpster (see photo below). This paint may be a hazardous waste because it has a flash point less than 140 degrees. Liquids are also not allowed to be disposed of at a solid waste landfill. **Please send me a description of how you have corrected these two violations.**



4. **Ohio Revised Code (ORC) 3734.02(E) and (F) – Accumulation beyond 180 days.**

ORC 3734.02 (E) and (F) state that no person shall establish or operate a hazardous waste facility without a permit and that no person shall store, treat, or dispose of hazardous waste except at a facility with a hazardous waste permit.

Service Specialties violated ORC 3734.02(E) and (F) by storing its hazardous waste beyond 180 days (see photo below). The situation leading to you being a SQG and, hence, this violation was explained near the beginning of this letter. **You must now**

**provide for the proper disposal of this hazardous waste. Please keep me posted on your actions regarding this.**

Since Service Specialties violated (ORC) 3734.02(E) and (F), Service Specialties is subject to all applicable general facility standards found in OAC chapters 3745-54 and 55. Additionally, at any time Ohio EPA may assert its right to have Service Specialties begin facility-wide cleanup pursuant to the Corrective Action process under Ohio law.

Although not required at this time, be advised that due to the nature of the violation, Ohio EPA may require cleanup procedures (called closure) pursuant to OAC rules 3745-55-11 through 3745-55-20 and OAC rules 3745-55-42 through 3745-55-47 at this site.



**5. OAC Rule 3745-52-34(D)(5)(c) – Employees familiar with waste handling and emergency procedures.**

This rule requires that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.

Service Specialties violated this rule because the violations outlined in this letter show that all employees were not familiar with this. **Send me documentation showing that the issues of this letter have been discussed with all the employees involved.**

6. **OAC Rule 3745-52-34(D)(5)(d) – Response to emergencies.**

This rule requires the emergency coordinator or his designee to respond to emergencies. The applicable responses include:

In the event of a spill, contain the flow of hazardous waste to the extent possible, and as soon as is practicable, clean up the hazardous waste and any contaminated materials or soil.

Service Specialties violated this rule by not properly responding to the spill and/or accumulated rainwater that was on the floor of the trailer holding your hazardous waste drums (see photo below). This floor had a coating on it that appeared to contain the accumulated liquid. This liquid must now be cleaned up by either pumping or vacuuming up or by adding adsorbent material. The resulting waste must be properly disposed. **Please send me documentation showing that this has been done.**



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7. **OAC Rule 3745-65-32 – Required equipment.**

This rule lists required emergency equipment. Please see the enclosed checklist for details. Included in the required equipment is spill control material.

Service Specialties violated this rule by not having spill control material at its drums of hazardous waste. **Send me documentation showing that this violation has been corrected.**

There is a conditional exemption to certain hazardous waste rules called the satellite accumulation exemption. This allows certain containers of hazardous waste to not have to meet all rules while being filled. This exemption only applies up to the time 55 gallons of hazardous waste has been accumulated. You had about three cans of hazardous waste near your still that could be satellite containers (see photo below). The following document gives more information about this:

Satellite Accumulation Under Ohio Hazardous Waste Rules 2004  
[http://epa.ohio.gov/portals/32/pdf/Satellite\\_Accumulation\\_Guidance.pdf](http://epa.ohio.gov/portals/32/pdf/Satellite_Accumulation_Guidance.pdf)



8. **OAC Rule 3745-52-34(C)(1)(a) – Open satellite containers.**

This rule requires that containers in satellite accumulation areas be closed, in good condition, and compatible with the wastes stored in them.

Service Specialties violated this rule by having open containers of hazardous waste by its still. **Please send me documentation showing that these containers will be kept closed.**

9. **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.

Service Specialties violated this rule by not labeling its containers of hazardous waste by its still. **Please send me documentation showing that these containers will be kept labeled.**

The next set of violations deal with hazardous waste containers in areas that are not satellite areas. These are often called less than 180 day accumulation areas.

10. **OAC Rule 3745-52-34(D)(4) – Container labeling.**

This rule requires that each container of hazardous waste be labeled with the words "Hazardous Waste."

Service Specialties violated this rule by having drums of hazardous waste stored in a trailer that were not labeled as hazardous waste. **You must now label these containers as required and send me documentation of that.**

11. **OAC Rule 3745-52-34(D)(4) – Accumulation start date.**

This rule requires that each container of hazardous waste be labeled with the accumulation start date. If the container is a 55-gallon drum that qualifies as a satellite container, then this date is the date the drum is full.

Service Specialties violated this rule by having drums of hazardous waste stored in a trailer which were not labeled with an accumulation start date. **You must now label these containers as required and send me documentation of that.** If the date is not known, then label them with an estimated date.

12. **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.

Service Specialties violated this rule by having open drums of hazardous waste stored in a trailer (see photo below). **You must now close these containers and send me documentation of that.**



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

This rule requires that the owner or operator must inspect areas where containers of hazardous waste are stored, at least weekly, 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 log is enclosed and can be found at:

[SQG Container Inspection Log - OAC Rule 3745-66-74](http://epa.ohio.gov/portals/32/pdf/sqglog.PDF)

<http://epa.ohio.gov/portals/32/pdf/sqglog.PDF>

Service Specialties violated this rule by not having this inspection program. **Submit documentation including a completed log to show that you have corrected this violation.**

14. **OAC Rule 3745-273-13(A) – Universal waste management.**

This rule requires that universal waste batteries be managed in a way that prevents releases of any universal waste or component to the environment. Specifically, it requires that any waste batteries that show evidence of leakage, spillage, or damage be put into a container.

Service Specialties violated this rule by having a lead acid truck battery that had leaked onto the ground (see photo below). **All damaged batteries need to be put into a container. It is suggested that all waste batteries be stored inside or under a roof. Please send documentation showing how you have corrected this violation.**



**15. OAC Rule 3745-273-17(A) – Response to releases of universal waste.**

This rule requires that releases of universal waste and other residues from universal waste be immediately contained.

Service Specialties violated this rule by not containing the release of battery acid mentioned above. It is likely this contaminated soil is a hazardous waste because of its level of lead. You must remove this contaminated soil and either dispose of it as a hazardous waste or send me documentation that you have determined it is not a hazardous waste. **Please send me documentation that this has been done.**

**16. OAC Rule 3745-273-16 – Universal waste training.**

This rule requires that employees who manage universal waste be informed of proper handling and emergency procedures for that universal waste.

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Service Specialties violated this rule by not informing its employees of proper management standards for waste lamps and batteries. **Please confirm in writing that employees have been informed as required.**

The next two violations deal with used oil. The following documents regarding this were given to you:

[The Regulation of Used Oil: An Overview for Ohio Businesses Who Generate Used Oil, 2006](http://epa.ohio.gov/portals/32/pdf/Used_Oil_Generators_Guidance.pdf)  
[http://epa.ohio.gov/portals/32/pdf/Used\\_Oil\\_Generators\\_Guidance.pdf](http://epa.ohio.gov/portals/32/pdf/Used_Oil_Generators_Guidance.pdf)  
[Registered Used Oil Transporters in Northeast Ohio, 2011](#)

**It is suggested that you now ship your used oil using a registered transporter. Please send me a copy of the paperwork showing that shipment.**

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

This rule requires containers and aboveground tanks for used oil to be labeled or marked clearly with the words "Used Oil".

Service Specialties violated this rule by having three drums of used oil in the trailer, seven drums of used oil in the wash building, and one tote of used oil that were not labeled as used oil. **You must now properly label all containers of used oil and provide documentation of that to me.**

18. **OAC Rule 3745-279-22(D) - Response to releases of used oil.**

This rule requires that upon detection of a release of used oil to the environment, the generator must clean up and manage properly the released used oil and other materials.

Service Specialties violated this rule by having some small areas of used oil spilled on its gravel yard. This contaminated soil/gravel must now be removed and disposed of properly. If it is only contaminated with used oil then it may be disposed of as a solid waste. **Please provide documentation that shows this has been completed.**

The following concerns were found:

Service Specialties generates a waste from its blasting operation which is shipped to Apex Landfill in Amsterdam, OH. You sent me sample data for this waste that was from 2006, 2008, and 2010. All the data found this waste to be nonhazardous, however, the data from 2010 found 3.92 mg/l of lead. This is somewhat close to the 5.0 mg/l level of lead that would make it a hazardous waste. I encourage you to continue with your regular program of sampling this waste.

We saw an area where materials had been open burned. You said that only wood is burned. The following document which explains Ohio's open burning laws is enclosed:

[Ohio's Open Burning Regulations, 2011](http://epa.ohio.gov/portals/47/facts/openburn.pdf)  
<http://epa.ohio.gov/portals/47/facts/openburn.pdf>

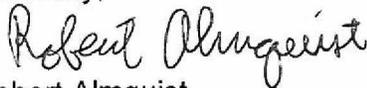
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Other information and suggestions:

- 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 at: <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/>.
- 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.state.oh.us](mailto:robert.almquist@epa.state.oh.us). I look forward to your prompt response addressing any remaining violations.

Sincerely,



Robert Almquist  
Division of Materials and Waste Management

RA:cl  
Enclosures

ec: Frank Popotnik, DMWM, NEDO  
Natalie Oryshkewych, DMWM, NEDO  
Jeff Mayhugh, DMWM, CO  
Brad Hauser, DMWM, CO

cc: Marlene Kinney, DMWM, NEDO

**NOTICE:**

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

Send to Central Office <input type="checkbox"/>	Ohio Environmental Protection Agency <b>RCRA SUBTITLE C SITE</b> <b>IDENTIFICATION/VERIFICATION FORM</b>		For Ohio EPA use only
Completed verification forms required to be submitted to CO should be e-mailed to <a href="mailto:paula.canter@epa.state.oh.us">paula.canter@epa.state.oh.us</a> .			
<b>Site EPA ID No.</b> <b>Site Name</b>  <b>Site Location Information</b>  <b>Site Land Type</b> (check only one) <b>NAICS code(s)</b> <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	EPA ID Number:  Name: <b>Service Specialties Inc.</b> Website: (Optional) Street Address: <b>14895 Cannons Mill Rd.</b> City, Town, or Village: <b>East Liverpool</b> State: <b>OH</b> County Name: <b>Columbiana</b> Zip Code: <b>43920</b> 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>Facility Representative</b>  Additional names can be recorded in number 12  Only provide address information if it is different than the site address	First Name: <b>Craig</b> MI: <b>A</b> Last Name: <b>Norris</b> Title: <b>President/Owner</b> Phone Number: <b>330-386-1112</b> Phone Number Extension: E-Mail Address: <b>servspec@raex.com</b> Fax Number: <b>330-386-4005</b> Fax Number Extension: Street or P.O. Box: <b>PO Box 2411</b> 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>Craig Norris</b> Date Became Owner (mm/dd/yyyy): <b>2001</b> 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>same</b> City, Town or Village: Owner Phone #: State: Country: Zip Code: Name of Site's Operator: <b>same</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: Operator Phone #: City, Town or Village: Country: Zip Code: State:		
<b>VIOLATIONS CITED?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>TYPE OF HANDLER - MARK "X" AS APPROPRIATE</b>			
<input type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11 <input type="checkbox"/> Short-Term/Temporary Generator (generates from a short-term or one-time event and not from on-going processes). Check the box for the applicable generator status and provide a comment. <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		

**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 checked="" 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.

**F003 F005**

**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>Cara Norris</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)  
**Robert Almquist.**

Name of Inspector(s)  
**Ed D'Amato**

Date of Inspection/Time  
 (mm/dd/yyyy) (hh:mm)  
**08/30/2011**

**Comments:**  
**complaint 7459**

**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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
2.	Has the generator obtained a U.S. EPA I.D. number? [3745-52-12]	Yes <input type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> No <input 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 no manifests seen**

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 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 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 type="checkbox"/>
	b. Is the transport vehicle owned and operated by the reclaimer?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Is a copy of the reclamation agreement kept on-site for at least three	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	years after termination/expiration of the agreement?	
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 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 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 type="checkbox"/>
14.	Have the manifests been signed by the generator and initial transporter? [3745-52-23 (A) (1) and (2)]	Yes <input 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 type="checkbox"/>
16.	Are signed copies of all manifests being retained for at least three years? [3745-52-40]	Yes <input type="checkbox"/> No <input 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 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 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Telephone number of local fire department?	Yes <input 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 type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> N/A <input 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 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-	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

	32(C)]?	
	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"/>
23.	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"/>
	a. Are inspections recorded in a log or summary? [3745-65-33]	Yes <input 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 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 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 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 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 checked="" 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 checked="" 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 checked="" 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 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 checked="" type="checkbox"/> N/A <input 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 checked="" type="checkbox"/> N/A <input 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 checked="" 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 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 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.		
<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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
32.	Is the accumulation date on each container? [3745-52-34(D)(4)]	Yes <input type="checkbox"/> No <input checked="" 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 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 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 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 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 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 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 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 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 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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

*NOTE: Continue with the generator LDR requirements on the next page.*

**GENERATOR LDR REQUIREMENTS NO SHIPMENTS HAVE BEEN MADE**

*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"/>

*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 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"/>

*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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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*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 to meet the LDR treatment standard?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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*NOTE: If "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 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? [3745-270-07(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	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?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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>		

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

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

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

**PROHIBITIONS**

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

**WASTE MANAGEMENT AND LABELING/MARKING**

**UNIVERSAL WASTE BATTERIES**

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

**UNIVERSAL WASTE LAMPS lamps were being disposed in the regular trash**

8.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
9.	Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage, spillage or damage that could cause leakage or releases of mercury or hazardous waste constituents to the environment? [3745-273-13(D)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

10.	Are the lamps or containers or packages of lamps labeled with the words "Universal Waste - Lamp(s)" or "Waste Lamp(s)" or "Used Lamp(s)"? [3745-273-14(E)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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ACCUMULATION TIME		
11.	Is the waste accumulated for less than one year? [3745-273-15(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If not, is the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: Accumulation is defined as date generated or date received from another handler.</i>		
12.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-15(C)]  If yes, describe below:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EMPLOYEE TRAINING		
13.	Are employees who handle or have the responsibility for managing universal waste informed of waste handling/emergency procedures, relative to their responsibilities? [3745-273-16]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
RESPONSE TO RELEASES		
14.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
15.	Is the material released characterized? [3745-273-17(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	If the material released is a hazardous waste, was it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to OAC Chapter 3745-52) [3745-273-17(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OFF-SITE SHIPMENTS		
<i>NOTE: If a SQUWH self-transport waste, then the handler must comply with the Universal Waste transporter requirements.</i>		
17.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
18.	Is the handler aware of DOT requirements for packaging and shipping?  If no, make aware of 49 CFR 171-180.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-18(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If yes, did the originating handler receive the waste back or agree to where the shipment was sent? [3745-273-18(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
21.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss and do <u>one of the following</u> :	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-18(F)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	If the handler received a shipment of hazardous waste that was not a universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

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

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

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

*[https://www.comapps.ohio.gov/sfm/fire\\_apps/bust/bustr/SearchByCounty.asp](https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/SearchByCounty.asp).*

**PROHIBITIONS**

1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input 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)]	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 checked="" 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:	no
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 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 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 type="checkbox"/>
<i>NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).</i>		
<b>GENERATOR TRANSPORTATION no records of past transportation seen</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-transported 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>		