



State of Ohio Environmental Protection Agency

Northeast District Office

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

December 10, 2009

David Jolley  
E.M. Service, Inc.  
600 Lowell St.  
Elyria, OH 44035

**RE: E.M. SERVICE, OHD018012120, LORAIN COUNTY, SQG>CESQG, NOV/RTC**

Dear Mr. Jolley:

On October 1, 2009, Sherry Slone and I, representing Ohio EPA, Division of Hazardous Waste Management (DHWM), visited the E.M. Service, Inc. facility located at 600 Lowell Street in Elyria, Ohio to conduct a hazardous waste compliance evaluation inspection (CEI). E.M. Service was represented by Tom Porter and you. On October 5, 2009, you submitted documentation concerning universal waste lamps and used oil management. On October 23, 2009, I met with you at your facility to observe the collection of waste characterization samples. On November 2, November 11, November 24 and December 7, 2009, you provided a copy of the results for the waste characterization samples, as well as other waste management information.

The purpose of the inspection was to determine E.M. Service's compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC). The inspection included a review of the facility's operations and the management of wastes. E.M. Service was inspected for the requirements of a conditionally exempt small quantity generator (CESQG) of hazardous waste.

Based on the inspection, Ohio EPA identified the following violations:

- OAC rule 3745-52-11, Waste Evaluation:** Any person who generates a waste must evaluate that waste to determine if it is a hazardous waste in accordance with the criteria set forth in OAC Chapter 3745-51.

E.M. Services failed to evaluate the following wastes:

- Sludge from the indoor parts washer and the outdoor vault which is generated from parts washing activities. Analytical results indicated that the pH of the outdoor vault sludge was 11.78. E.M. Services is advised to monitor the pH of the sludge. Should the sludge exhibit a pH  $\leq 2$  or  $\geq 12.5$ , the sludge would be a corrosive (D002) hazardous waste.
- Ash, generated from the burn-off oven. Analytical results indicated that the ash is a hazardous waste due to the presence of cadmium. E.M. Service indicated that the ash will be re-evaluated in the next few months.
- Spent grit, generated from abrasive blasting of parts. Analytical results indicated that the spent grit is a hazardous waste due to the presence of cadmium.

**Based on information received on November 2, November 11, November 24 and December 7, 2009, this violation has been adequately abated. No further information is requested.**

2. **OAC rule 3745-273-13(D)(1)(2), Universal Waste Management Standards for Small Quantity Handlers:** (D)(1) A small quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed and must lack evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions.

E.M. Service failed to accumulate universal waste lamps in a container/package that was closed. E.M. Service's October 5, 2009 response included a photograph to demonstrate that the universal waste lamp container was closed. **Based upon submitted documentation, E.M. Service has adequately abated this violation. No further response is necessary.**

3. **OAC rule 3745-273-14(E); Labeling/marketing Standards for Small Quantity Handlers of Universal Waste:** Universal waste lamps must be labeled/marked with one of the following phrases: "universal waste lamp(s)," or "waste lamp(s)" or "used lamp(s)."

E.M. Service failed to label/mark universal waste lamps with the words required by this rule. E.M. Service's October 5, 2009 response included a photograph to demonstrate that the universal waste lamp container was labeled as used lamps. **Based upon submitted documentation, E.M. Service has adequately abated this violation. No further response is necessary.**

4. **OAC rule 3745-279-22 (C)(1), Used Oil Storage Requirements for Generators:** Used oil generators must store used oil in containers and tanks that are in good condition and not leaking. The containers and aboveground tanks must be labeled with the words "Used Oil."

E.M. Services failed to label two, 55-gallon drums of used oil. E.M. Service's October 5, 2009 response included a photograph to demonstrate that the drums were labeled as used oil. **Based upon submitted documentation, E.M. Service has adequately abated this violation. No further response is necessary.**

5. **OAC rule 3745-279-71(A)(B), Prohibitions on Used Oil Fuel Marketers:** A used oil fuel marketer may only ship off-specification used oil to a used oil burner who: (A) Has a U.S. EPA identification number; and (B) Burns the used oil in an industrial furnace or boiler identified in OAC rule 3745-279-61(A).

E.M. Service shipped off-specification used oil to a facility where it was burned in a used oil space heater. Used oil space heaters are not considered an industrial furnace or boiler. As a result of the off-specification used oil shipment, E.M. Service also violated **OAC rules 3745-279-12(C), 3745-279-24, 3745-279-73(A), 3745-279-74(A)(1) through (A)(5) and 3745-279-75(A).** E.M. Service's November 2 and December 7, 2009 response indicated that the used oil will be shipped to a recycling facility. **Based upon submitted documentation, E.M. Service has adequately abated this violation. No further response is necessary.**

Ohio EPA offers the following comments:

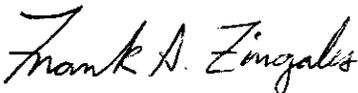
1. Ohio EPA has created an electronic news service to provide facilities with quick and timely updates on news and events related to hazardous waste activities in Ohio. For more information, please refer to:  
[http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc\\_serve.php?2=subscriptionpage](http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc_serve.php?2=subscriptionpage)
2. Technical assistance and pollution prevention information is available from Ohio EPA at:  
<http://epa.ohio.gov/ocapp/assistance.aspx>
3. The Ohio Department of Development's Office of Energy Efficiency may be able to help with energy efficiency issues. For more information, please refer to:  
<http://www.odod.state.oh.us/cdd/oeo>
4. You may be able to reduce the amount of waste your facility generates by finding ways to recycle, reduce, or eliminate it. Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) provides free compliance and pollution prevention assistance on environmental issues related to air, land and water. Should your facility be interested in receiving a free pollution prevention assessment in the future, please contact me or OCAPP. OCAPP may be contacted at (800) 329-7518 or via the internet at:  
<http://epa.ohio.gov/ocapp/contact.aspx>
5. You may find copies of the hazardous waste rules and other information on Ohio EPA's web page at: <http://epa.ohio.gov/Default.aspx?alias=epa.ohio.gov/dhwm>

Information obtained pertaining to E.M. Service's processes and waste generation is discussed on the Process Description-Waste Activities Summary Sheet within the enclosed inspection checklists.

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

Should you have any questions, please contact me at (330) 963-1108.

Sincerely,



Frank A. Zingales  
Environmental Specialist  
Division of Hazardous Waste Management

FAZ:ddw  
Enclosure

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

Ohio Environmental Protection Agency  
**RCRA SUBTITLE C SITE  
IDENTIFICATION/VERIFICATION FORM**

For Ohio EPA use only

E-mail this completed form to [kristina.durnell@epa.state.oh.us](mailto:kristina.durnell@epa.state.oh.us)  
or mail it to Kristina Durnell, Central Office

<b>Site EPA ID No.</b> <b>Site Name</b>	EPA ID Number: <b>OHD018012120</b> Name: <b>E.M. Service, Inc.</b>		Website: <b>http://www.emserviceinc.com/</b> (Optional)	
<b>Site Location Information</b>	Street Address: <b>600 Lowell St.</b> City, Town, or Village: <b>Elyria</b> County Name: <b>Lorain</b>		State: <b>OH</b> Zip Code: <b>44035</b>	
<b>Site Land Type</b> (check only one) <b>NAICS code(s)</b> <a href="http://www.census.gov/epcd/www/nahs.html">www.census.gov/epcd/www/nahs.html</a>	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"/>			
	<b>811310</b>			
<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>David</b> MI: _____ Last Name: <b>Jolley</b> Phone Number: <b>440-323-3260</b> E-Mail Address: <b>david@emserviceinc.com</b> Fax Number: <b>440-323-3271</b> 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:  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: State: _____		Date Became Owner (mm/dd/yyyy):  Owner Phone #: Country: _____ Zip Code: _____ Date Became Operator (mm/dd/yyyy): Operator Phone #: United States _____ Zip Code: _____	
	Name of Site's Operator:  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: State: _____			

**VIOLATIONS CITED?**     Yes     No

**TYPE OF HANDLER— A MINIMUM OF ONE BOX MUST BE CHECKED**

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

- |   |  |
|---|--|
| <input type="checkbox"/> Recycler of Hazardous Waste                    | <input type="checkbox"/> Exempt Boiler and/or Industrial Furnace       |
| <input type="checkbox"/> Underground Injection Control Facility         | <input type="checkbox"/> Small Quantity On-Site Burner Exemption       |
| <input type="checkbox"/> Hazardous Waste Transporter                    | <input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption |
| <input type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste |  |

**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. Oil  
 Used Oil Fuel Marketer to Off-Specification Used Oil Burner

**Waste Codes for Federally Regulated Hazardous Wastes.** Please list the codes for the federally regulated hazardous waste handled at the site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRAInfo source record, you do not need to list them all. Instead just indicate the date of the most recent source record.

**D006**

**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: |
| Tanks      | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | Other Comments:                      |
| Containers | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |                                      |

Name of Inspector(s)

Frank Zingales

Name of Inspector(s)

Sherry Slone

Date of Inspection/Time

(mm/dd/yyyy) (hh:mm)

10/1/2009 13:10

**OPTIONAL CERTIFICATION.** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Owner, Operator, or an Authorized Representative

Name and Title (Print)

Date (mm/dd/yyyy)

**PROCESS DESCRIPTION / WASTE ACTIVITIES SUMMARY**

**Facility Name:** E.M. Service, Inc.

**Facility Type:** Conditionally Exempt Small Quantity Generator (CESQG)

**EPA ID#:** OHD018012120

**Process Information:** Facility is an industrial electrical motor repair shop. See below for wastes generated.

**Regulatory / Enforcement History:** None

<i>Description of Waste</i>				<i>On-Site Management</i>	<i>Off-Site Management</i>
<b>Process/Activity Generating Waste</b>	<b>Waste Generated</b>	<b>EPA Waste Code</b>	<b>Quantity Generated</b>	<b>Type of Accumulation / Storage</b>	<b>Name, state, and type of activity occurring at the facility.</b>
Removal of varnish from motor casings/parts using burn-off oven.	Ash	D006 (cadmium) See note 1.	CESQG	Container – drum	
Abrasive blasting of motor casings/parts.	Spent grit	D006	CESQG	Container – drum	
Aqueous parts washing.	Wastewater and sludge				Wastewater to be discharged to Elyria POTW.  Sludge to be collected and sent off-site for disposal.
Draining of motors.	Used oil			Container – drum	American Energy Products Mt. Vernon, OH
Maintenance	Spent lamps	Universal Waste		Containers – cardboard boxes	Previous management through: Lorain County Solid Waste Mgt District

**Note:**

- Analytical results indicated that the ash is a hazardous waste due to the presence of cadmium. E.M. Service indicated that the ash will be re-evaluated in the next few months. All hazardous wastes must be shipped off-site to a permitted facility and in accordance with Ohio Revised Code 3734.02(E)&(F).

Would this facility be interested in a pollution prevention (P2) assessment? Made facility aware of opportunity.

Office of Compliance Assistance and Pollution Prevention: 1-800-329-7518 or p2mail@epa.state.oh.us or <http://epa.ohio.gov/ocapp/contact.aspx>

Pollution prevention opportunities: Additional info on parts cleaning available at: <http://epa.ohio.gov/ocapp/partscleaning.aspx>

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

CESQG: ≤100Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.  
 SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.  
 LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.  
*NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.*

Safety Equipment Used: Safety Glasses

**WASTE EVALUATION**

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"/>
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**GENERATOR CLASSIFICATION**

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

**OFF-SITE SHIPMENT OF HAZARDOUS WASTE**

3.	Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3734.02(F)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		Future shipments of hazardous waste must be delivered to a permitted TSD.

**TREATMENT OF HAZARDOUS WASTE**

4.	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 3745-66-90 to 3745-66-101 except 3745-66-97(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c. Drip pads that meet 3745-69-40 to 3745-69-45?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d. Containment building that meets 3745-256-100 to 3745-256-102?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

*NOTE: Complete appropriate checklist for each unit.*

*NOTE: If the CESQG conducts treatment they are subject to the LQG requirements.*

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

**MIX HAZARDOUS WASTE WITH USED OIL**

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

<b>SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS - BATTERIES AND LAMPS</b>		
Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more		
Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less		
<b>PROHIBITIONS</b>		
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 3745-273-17 or managing specific wastes as provided in 3745-273-13? [3745-273-11(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
<b>WASTE MANAGEMENT &amp; LABELING/MARKING</b>		
<b>UNIVERSAL WASTE BATTERIES – no universal waste batteries.</b>		
3.	Are battery(ies) that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
4.	If batteries are contained, are the containers closed and structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5.	Does the SQUWH conduct any of the following activities:	
	a. Sort batteries by type?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Mix battery types in one container?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Discharge batteries to remove the electric charge?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. Regenerated used batteries?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e. Disassemble them into individual batteries or cells?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f. Remove batteries from consumer products?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	g. Remove the electrolyte from the battery?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6.	If the electrolyte is removed or other waste generated, has it been determined whether it is a hazardous waste? [3745-273-13(A)(3)]	Yes <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 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 battery(ies) of container(s) of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)" [3745-273-14(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>UNIVERSAL WASTE LAMPS</b>		
8.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and are compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]	Yes <input type="checkbox"/> No <input checked="" 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	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	releases of mercury or hazardous waste constituents to the environment? [3745-273-13(D)(2)]	
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 checked="" type="checkbox"/> N/A <input type="checkbox"/>
<p><b>NOTE: Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility under a hazardous waste manifest.</b></p>		
<b>ACCUMULATION TIME</b>		
11.	Is the waste accumulated for less than one year? [3745-273-15(A)] If not:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Was the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p><b>NOTE: Accumulation is defined as date generated or date received from another handler.</b></p>		
12.	Is the length of time the universal waste is stored documented by <u>one</u> of the following: [3745-273-15(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Marking or labeling the container with the earliest date when the universal waste became a waste or was received? [3745-273-15(C)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Marking or labeling individual item(s) of universal waste with the earliest date that it became a waste or was received? [3745-273-15(C)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Maintaining an inventory system on-site that identifies the date the universal waste became a waste or was received? [3745-273-15(C)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. Maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste items or a group of containers became a universal waste or was received? [3745-273-15(C)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e. Placing the universal waste in a specific accumulation area and identifying the earliest start date or date received? [3745-273-15(C)(5)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f. Any other method, which clearly demonstrates, the length of time the universal waste has been accumulated from the date it became a waste or was received? [3745-273-15(C)(6)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>EMPLOYEE TRAINING</b>		
13.	Are employees who handle or have the responsibility for managing universal waste informed of waste handling/emergency procedures, relative to their responsibilities? [3745-273-16]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>RESPONSE TO RELEASES – no releases observed while on-site.</b>		
14.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]	Yes <input type="checkbox"/> No <input 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, is it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to Chapter 3745-52) [3745-273-17 (B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>OFF-SITE SHIPMENTS</b>		
<b>NOTE: If a SQUWH self-transportes waste, then they must comply with the Universal Waste transporter requirements.</b>		

17.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>NOTE: SQUWHs are prohibited to send waste to any other facility.</b>		
18.	If the universal waste meets the definition of hazardous material under 49 CFR 171-180, are DOT requirements met with regard to package, labels, placards and shipping papers? [3745-273-18(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
19.	Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	If the universal waste shipped off-site is rejected by another handler or destination facility does the originating handler do <u>one of the following</u> :	No rejections by off-site handler.
	a. Receive the waste back? [3745-273-18(E)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Agree to where the shipment will be 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 <u>one of the following</u> :	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Sending the waste back to the originating handler? [3745-273-18(F)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Sending 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 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"/>
23.	If the handler received a shipment of nonhazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-18(H)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>EXPORTS</b>		
24.	Is waste being sent to a foreign destination? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Does the small quantity handler comply with primary exporter requirements in OAC 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 U.S. EPA's "Acknowledgment of Consent" as defined in 3745-52-50 to -52-57? [3745-273-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Is a copy of U.S. EPA's "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: 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.*

**PROHIBITIONS**

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

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

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

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

**GENERATOR STANDARDS**

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

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

5.	Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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*NOTE: If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.*

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

**ON-SITE BURNING IN SPACE HEATER**

10.	Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so:	
a.	Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	generators?	
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"/>

*NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).*

**GENERATOR TRANSPORTATION**

11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#?	Yes <input type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time?[3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

*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).*

**COLLECTION CENTERS AND AGGREGATION POINTS**

13.	Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input 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"/>

*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.*

### USED OIL INSPECTION CHECKLIST - MARKETERS

*NOTE: 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.*

#### PROHIBITIONS

1.	Does the Used Oil Marketer manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: For example, scrap metal contaminated with used oil or used oil managed in a surface impoundment (i.e., pond).</i>		
2.	Is used oil used as a dust suppressant? [3745-279-12(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: All used oil burned for energy recovery is presumed to be off-specification until all requirements of OAC rule 3745-279-11 have been met.</i>		
<i>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).</i>		
4.	Does the used oil fuel marketer initiate shipments of <b>off-spec</b> used oil only to a used oil burner that has a U.S. EPA ID# and burns the used oil in an industrial furnace or boiler identified in 3745-279-61(A)? [3745-279-71]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
5.	Does the generator, transporter, processor/re-refiner, or burner who first claims that the used oil meets the specification for used oil fuel under 3745-279-11 keep copies of analyses of the used oil (or other information used to make the determination) for at least three years? [3745-279-72(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
6.	Has the used oil marketer notified Ohio EPA or U.S. EPA and obtained a U.S. EPA ID#? [3745-279-73(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
7.	Does the used oil marketer keep a record of each shipment of <b>off-spec</b> used oil directed to a used oil burner? [3745-279-74(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Does each record include the name and address of the transporter who delivers the used oil to the burner? [3745-279-74(A)(1)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
b.	Does each record include the name and address of the burner who receives the oil? [3745-279-74(A)(2)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
c.	Does each record include the U.S. EPA ID# of the transporter that delivers the used oil to the burner? [3745-279-74(A)(3)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
d.	Does each record include the U.S. EPA ID# of the burner? [3745-279-74(A)(4)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
e.	Does each record include the quantity of the used oil shipped? [3745-279-74(A)(5)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
f.	Does each record include the date of shipment? [3745-279-74(A)(6)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
8.	Does the generator, transporter, processor/re-refiner, or burner who first claims that the used oil <b>meets the fuel specifications</b> under 3745-279-11 keep a record of each shipment of used oil to an on-spec used oil burner? [3745-279-74(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Does each record include the name and address of the facility receiving the shipment? [3745-279-74(B)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Does each record include quantity of used oil fuel delivered? [3745-279-74(B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Does each record include date of shipment or delivery? [3745-279-74(B)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	d.	Does each record include a cross-reference to the record of used oil analysis or other information used to make the determination that the used oil meets the specification as required in 3745-279-72(A)? [3745-279-74(B)(4)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
9.		Are the records described in 3745-279-74(A) and (B) maintained for at least three years? [3745-279-74(C)]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
10.		Before the used oil generator, transporter or processor/re-refiner directs the first shipment of <b>off-spec</b> used oil to a burner, does he obtain a one time written and signed notice from the burner certifying that:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	a.	The burner has notified Ohio EPA stating the location and general description of the used oil management activities? [3745-279-75(A)(1)]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	b.	The burner will burn the off-spec used oil only in an industrial furnace or boiler identified in 3745-279-61(A)? [3745-279-75(A)(2)]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
11.		Is the certification maintained for at least three years from the date the last shipment of off-spec used oil was shipped to the burner? [3745-279-75(B)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>