Ohio EPA
40 years and moving forward

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

March 15, 2013

RE: LUSTROUS METAL COATINGS, INC.
STARK COUNTY
LARGE QUANTITY GENERATOR (LQG)
NOV/RTC, OHD 987 034 576

Mr. Tom Vonortas
Executive Vice President
Lustrous Metal Coatings, Inc.
1541 Raff Road SW
Canton, OH 44710

Dear Mr. Vonortas:

On February 27, 2013, the Ohio EPA's Division of Materials and Waste Management (DMWM) conducted a compliance inspection of Lustrous Metal Coatings, Inc. located at 1541 Raff Road, Canton, Ohio 44710. The purpose of the inspection was to determine Lustrous Metal Coatings, Inc.'s compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC), and hazardous waste rules as found in Chapter 3745 of the Ohio Administrative Code (OAC). Ohio EPA was represented by me and Sherry Slone. Lustrous Metal Coatings, Inc. was represented by you.

During the inspection, Ohio EPA learned that Lustrous Metal Coatings, Inc. is a zinc electroplating facility. The hazardous waste streams generated include filter cake sludge, caustic cleaners and tank clean-out acids & chromates. Other wastes generated include used oil and used lamps. Lustrous Metal Coatings, Inc. was inspected as a large quantity generator of hazardous waste. Copies of the completed checklist are enclosed.

Also we looked at the former indoor <90 day hazardous waste accumulation area. This area appeared to be clean from any waste.

The following violations were identified.

1. <u>Used Oil Labels OAC rule 3745-279-22(C)(1):</u>

Containers used to store used oil at generator facilities must be labeled or marked clearly with the words "Used Oil". Four used oil containers were not labeled. This violation was abated during the inspection when you properly labeled the container.

2. <u>Closed Containers for Spent Lamps, OAC 3745-273-13(D)(1) and Labeling of Waste Lamps, OAC rule 3745-273-14(E):</u>

Open, unlabeled boxes of spent fluorescent lamps were on a top shelf of a storage unit in the maintenance area in the building. Please make certain all containers of spent lamps are stored closed. The containers also need to be labeled with the words "used lamps", "waste lamps", or "universal waste-lamps".

These violations were abated when a copy of a manifest was emailed to me on March 11, 2013 documenting that all of the spent lamps have been shipped off site for recycling as universal wastes. Information about the proper management of spent lamps and a list of recyclers can be found at: http://epa.ohio.gov/dmwm/Home/universalwaste.aspx.

3. Contingency Plan Update- OAC 3745-65-54:

Appendix 3 of the contingency plan still showed the hazardous waste roll-off inside the building. Before we left you gave us a revised appendix 3 map showing the roll-off now located outside on the west side of the building. This abates this violation. Please submit this revision to all emergency authorities that may be requested to provide emergency services.

You can find copies of the hazardous waste rules and other information on our division's web page at http://www.epa.state.oh.us/dmwm.aspx. Ohio EPA also has helpful information about pollution prevention at the following web address:
http://www.epa.state.oh.us/Default.aspx?alias=www.epa.state.oh.us/ocapp.

Information about aerosol cans can be found at:
http://epa.ohio.gov/portals/32/pdf/NotifierWinter05.pdf

Should you have any questions regarding this letter, please contact me at (330) 963-1246 or at john.paquelet@epa.state.oh.us.

Sincerely,

John Paquelet

John Paquelet
Environmental Specialist II
Division of Materials and Waste Management

JP:ddw

Enclosure

cc: Marlene Kinney, Ohio EPA, DMWM, NEDO
ec: Jeff Mayhugh, Ohio EPA, DMWM, CO
Nyall McKenna, Ohio EPA, DMWM, NEDO
Natalie Oryshkewych, Ohio EPA, DMWM, NEDO

Send to Central Office ☒	Ohio Environmental Protection Agency **RCRA SUBTITLE C SITE** **IDENTIFICATION/VERIFICATION FORM**	For Ohio EPA use only

Completed verification forms required to be submitted to CO should be e-mailed to EPA.Verification@epa.state.oh.us.

Site EPA ID No. **Site Name**	EPA ID Number: **OHD 987034576** Name: **Lustrous Metal Coatings, Inc**				Website: (Optional)			
Site Location Information	Street Address: **1541 Raff Road SW**							
	City, Town, or Village: **Canton**				State: OH			
	County Name: **Stark**				Zip Code: **44710**			
Site Land Type (check only one)	Private ☐	County ☐	District ☐	Federal ☐	Indian ☐	Municipal ☐	State ☐	Other ☐
NAICS code(s) www.census.gov/epcd/www/naics.html								
Facility Representative Additional names can be recorded in number 12 Only provide address information if it is different than the site address	First Name: **Tom**		MI:		Last Name: **Vonortas**			
	Title:							
	Phone Number:				Phone Number Extension:			
	E-Mail Address:							
	Fax Number:				Fax Number Extension:			
	Street or P.O. Box:							
	City, Town or Village:							
	State:				Zip Code:			
Legal Owner And Operator of the Site. List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner:				Date Became Owner (mm/dd/yyyy):			
	Owner Type:	Private ☐	County ☐	District ☐	Federal ☐	Indian ☐	Municipal ☐	State ☐	Other ☐
	Street or P.O. Box:							
	City, Town or Village:				Owner Phone #:			
	State:				Country:		Zip Code:	
	Name of Site's Operator:				Date Became Operator (mm/dd/yyyy):			
	Operator Type:	Private ☐	County ☐	District ☐	Federal ☐	Indian ☐	Municipal ☐	State ☐	Other ☐
	Street or P.O. Box:							
	City, Town or Village:				Operator Phone #:			
	State:				Country		Zip Code:	

VIOLATIONS CITED?	☐ Yes ☒ No

TYPE OF HANDLER - MARK "X" AS APPROPRIATE

☐ Not a HW Generator	☐ UNKNOWN: Cited for violation of 3745-52-11	☒ Large Quantity Generator (LQG)
	☐ 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.*	☐ Small Quantity Generator (SQG)
		☐ Conditionally Exempt Small Quantity Generator
		☐ U.S. Importer of Hazardous Waste
		☐ Mixed Waste (Hazardous and Radioactive) Generator

TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)

- ☐ Hazardous Waste Transporter
- ☐ Hazardous Waste Transfer Facility
- ☐ Treater, Storer or Disposer of Hazardous Waste
- ☐ Recycler of Hazardous Waste
- ☐ 72-Hour Recycler
- ☐ Exempt Boiler and/or Industrial Furnace
  - ☐ Small Quantity On-Site Burner Exemption
  - ☐ Smelting, Melting, Refining Furnace Exemption
- ☐ Underground Injection Control Facility
- ☐ Receives Hazardous Waste from Off-site

UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED (CHECK ALL BOXES THAT APPLY)

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

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.

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

Announced	☐ Yes	☒ No	Additional Facility Representatives:
Tanks	☐ Yes	☒ No	
Containers	☒ Yes	☐ No	

Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/Time (mm/dd/yyyy) (hh:mm)
John Paquelet	**Sherry Slone**	**2/27/13**

Comments:

Revised 09.05.10

PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Lustrous Metal Coatings, Inc. Type: LQG Date of Inspection: 2/27/13 EPA ID#: OHD 987034576

***Waste* Generated**				***On- or Off-Site Management***		**P2 Activities**	
	Process/Activity Generating Waste (e.g. plating bath, machining, baghouse, painting, general maintenance, etc)	**Waste Description** (e.g. sludge, solvent, ash, used oil, spent lamps, etc.) and EPA Waste Code, if applic.	**QTY Generated per Month, Type of Accumulation (container, tank, etc) and location of waste accumulation area**	**Type of On-Site Treatment** (recycle, wwt, etc)	**Name, state, and type of activity occurring at the off-site facility.**	**Current P2 Activities**	**P2 Opportunities**
1	Filter cake sludge.	D007	One roll-off every 2 months.	EQ			
2	Used Oil	Used Oil	About One 55 gallon drum per 2 months.	Recycled back to RW Screw.			
3	Spent Lamps	Spent Lamps	When they burn out.	EQ			
4	Waste acid & Chormates	D006; D007; D008; D011;	One a year for cleanout.	EQ			
5							
6							
7							
8							

9							

REMARKS–GENERAL INFORMATION

General Process Information:

Regulatory/Enforcement History (if applicable)**:**

Additional P2 remarks and information:

Would this facility be interested in a P2 assessment? Yes* No *If yes, refer promptly to your district P2 coordinator.
Office of Compliance Assistance and Pollution Prevention - 1-800-329-7518 or p2mail@epa.state.oh.us or www.epa.state.oh.us/ocapp/ocapp.html

Other:

LARGE QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY

CESQG: ≤100 Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.
SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.
LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.
NOTE: To convert from gallons to pounds: Amount in gallons 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 ☒ No ☐ N/A ☐
2.	Are records of waste determination being kept for at least 3 years? [3745-52-40(C)]		Yes ☒ No ☐ N/A ☐
3.	Has the generator obtained a U.S. EPA identification number? [3745-52-12]		Yes ☒ No ☐ N/A ☐
4.	Were annual reports filed with Ohio EPA on or before March 1st? [3745-52-41(A)]		Yes ☒ No ☐ N/A ☐
5.	Are annual reports kept on file for at least 3 years? [3745-52-40(B)]		Yes ☒ No ☐ N/A ☐
6.	Has the generator transported or caused to be transported hazardous waste to **other** than a facility authorized to manage the hazardous waste? [ORC 3734.02(F)]		Yes ☐ No ☒ N/A ☐
7.	Has the generator disposed of hazardous waste **on-site without a permit** or at another facility **other** than a facility authorized to dispose of the hazardous waste? [ORC 3734.02(E)&(F)]		Yes ☐ No ☒ N/A ☐
8.	Does the generator accumulate hazardous waste?		Yes ☒ No ☐ N/A ☐
NOTE: If the LQG does not accumulate or treat hazardous waste, it is not subject to 52-34 standards. All other requirements still apply, e.g., annual reports, manifest, marking, record keeping, LDR, etc.			
9.	Has the generator accumulated hazardous waste on-site in excess of 90 days without a permit or an extension from the director ORC §3734.02(E)&(F)?		Yes ☐ No ☒ N/A ☐
NOTE: If F006 waste is generated and accumulated for > 90 days and is recycled see 3745-52-34(G)&(H).			
10.	Does the generator treat hazardous waste in a: [ORC 3734.02(E)&(F)]		
a.	Container that meets 3745-66-70 to 3745-66-77?		Yes ☒ No ☐ N/A ☐
b.	Tank that meets 3745-66-90 to 3745-66-100 except 3745-66-97(C)?		Yes ☐ No ☐ N/A ☒
c.	Drip pads that meet 3745-69-40 to 3745-69-45?		Yes ☒ No ☐ N/A ☐
d.	Containment building that meets 3745-256-100 to 3745-256-102?		Yes ☒ No ☐ N/A ☐
NOTE: Complete appropriate checklist for each unit.			
NOTE: If waste is treated to meet LDRs, use LDR checklist.			
11.	Does the generator export hazardous waste? If so:		Yes ☐ No ☒ N/A ☐
a.	Has the generator notified U.S. EPA of export activity? [3745-52-53(A)]		Yes ☐ No ☐ N/A ☒
b.	Has the generator complied with special manifest requirements? [3745-52-54]		Yes ☐ No ☐ N/A ☒
c.	For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55]		Yes ☐ No ☐ N/A ☒
d.	Has an annual report been submitted to U.S. EPA? [3745-52-56]		Yes ☐ No ☐ N/A ☒

	e.	Are export related documents being maintained on-site? [3745-52-57(A)]	Yes ☐ No ☐ N/A ☒
MANIFEST REQUIREMENTS			
12.		Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)(1)]	Yes ☒ No ☐ N/A ☐
13.		Have items (1) through (20) of each manifest been completed? [3745-52-20(A)(1)]&[3745-52-27(A)]	Yes ☒ No ☐ N/A ☐
NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations items (21) through (35) must also be completed. [3745-52-20(A)(1)]			
14.		Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]	Yes ☒ No ☐ N/A ☐
NOTE: The generator may designate on the manifest one alternate facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)]			
15.		If the transporter was unable to deliver a shipment of hazardous waste to the designated facility, did the generator designate an alternate TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)]	Yes ☐ No ☐ N/A ☒
16.		Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1)&(2)]	Yes ☒ No ☐ N/A ☐
NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have a program in place to reduce the volume and toxicity waste they generate.			
17.		If the generator received a rejected load or residue, did the generator:	
	a.	Sign item 20 of the new manifest or item 18c of the original manifest? [3745-52-23(F)(1)	Yes ☐ No ☐ N/A ☒
	b.	Provide the transporter a copy of the manifest? [3745-52-23(F)(2)]	Yes ☐ No ☐ N/A ☒
	c.	Send a copy of the manifest to the designated facility that returned the shipment with 30 days after delivery of the rejected shipment? [3745-52-23(F)(3)]	Yes ☐ No ☐ N/A ☒
18.		If the generator did not receive a return copy of each completed manifest within 35 days of the waste being accepted by the transporter, did the generator contact the transporter and/or TSD facility to check on the status of the waste? [3745-52-42(A)(1)]	Yes ☐ No ☐ N/A ☒
19.		If the generator has not received the manifest within 45 days, did the generator file an exception report with Ohio EPA? [3745-52-42(A)(2)]	Yes ☐ No ☐ N/A ☒
20.		Are signed copies of all manifests and any exception reports being retained for at least three years? [3745-52-40]	Yes ☒ No ☐ N/A ☐
NOTE: A generator who sends a shipment of hazardous waste to a TSD facility with the understanding that the TSD facility can accept and manage the waste and later receives that shipment back as a rejected load or residue may accumulate the waste on-site for <90 days or <180 days depending on the amount of hazardous waste on-site in that calendar month. [3745-52-34(M)]			
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.			
PERSONNEL TRAINING			
21.		Does the generator have a training program which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to their positions? [3745-65-16(A)(2)]	Yes ☒ No ☐ N/A ☐
22.		Does the personnel training program, at a minimum, include instructions to ensure that facility personnel are able to respond effectively to emergencies involving hazardous waste by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)]	Yes ☒ No ☐ N/A ☐

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

23.		Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)]	Yes ☒ No ☐ N/A ☐
24.		Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)]	Yes ☒ No ☐ N/A ☐
25.		Does the generator provide refresher training to employees during each period from January 1st to December 31st and does each training occur within 15 months after the previous training? [3745-65-16(C)]	Yes ☒ No ☐ N/A ☐
26.		Does the generator keep records and documentation of:	
	a.	Job titles? [3745-65-16(D)(1)]	Yes ☒ No ☐ N/A ☐
	b.	Job descriptions? [3745-65-16(D)(2)]	Yes ☒ No ☐ N/A ☐
	c.	Type and amount of training given to each person? [3745-65-16(D)(3)]	Yes ☒ No ☐ N/A ☐
	d.	Completed training or job experience required? [3745-65-16(D)(4)]	Yes ☒ No ☐ N/A ☐
27.		Are training records for current personnel kept until closure of the facility and are training records for former employees kept for at least three years from the date the employee last worked at the facility? [3745-65-16(E)]	Yes ☒ No ☐ N/A ☐

NOTE: The following section can be used by the inspector to document that all personnel who are involved with hazardous waste management have been trained. The employees who need training (written and/or on-the -job) may include the following: environmental coordinators, drum handlers, emergency coordinators, personnel who conduct hazardous waste inspections, emergency response teams, personnel who prepare manifest, etc.

Job Performed	Name of Employee	Date Trained

CONTINGENCY PLAN

28.		Does the owner/operator have a contingency plan to minimize hazards to human health or the environment from fires, explosions or any unplanned release of hazardous waste? [3745-65-51(A)]	Yes ☒ No ☐ N/A ☐
29.		Does the plan describe the following:	
	a.	Actions to be taken in response to fires, explosions or any unplanned release of hazardous waste? [3745-65-52(A)]	Yes ☒ No ☐ N/A ☐
	b.	Arrangements with emergency authorities? [3745-65-52(C)]	Yes ☒ No ☐ N/A ☐
	c.	A current list of names, addresses and telephone numbers (office and home) of all persons qualified to act as emergency coordinator? [3745-65-52(D)]	Yes ☒ No ☐ N/A ☐
	d.	A list of all emergency equipment, including: location, a physical description and brief outline of capabilities? [3745-65-52(E)]	Yes ☒ No ☐ N/A ☐
	e.	An evacuation plan for facility personnel where there is possibility that evacuation may be necessary? [3745-65-52(F)]	Yes ☒ No ☐ N/A ☐

NOTE: If the facility already has a "Spill Prevention, Control and Countermeasures Plan" under 40 CFR Part 112 or some other emergency plan, the facility can amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with OAC requirements. The facility may develop one contingency plan which meets all regulatory requirements. Ohio EPA recommends that the plan be based on the "National Response Team's Integrated Contingency Plan Guidance (One Plan)." [3745-65-52(B)]

30.		Is a copy of the plan (plus revisions) kept on-site and been given to all emergency authorities that may be requested to provide emergency services? [3745-65-53(A)&(B)]	Yes ☒ No ☐ N/A ☐

31.	Has the generator revised the plan in response to rule changes, facility, equipment and personnel changes, or failure of the plan? [3745-65-54]		Yes ☒ No ☐ N/A ☐
32.	Is an emergency coordinator available at all times (on-site or on-call)? [3745-65-55]		Yes ☒ No ☐ N/A ☐
NOTE: The emergency coordinator shall be thoroughly familiar with: (a) all aspects of the facility's contingency plan; (b) all operations and activities at the facility; (c) the location and characteristics of waste handled; (d) the location of all records within the facility; (e) facility layout; and (f) shall have the authority to commit the resources needed to implement provisions of the contingency plan.			
EMERGENCY PROCEDURES			
33.	Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so:		Yes ☐ No ☒ N/A ☐
	a.	Was the contingency plan implemented? [3745-65-51(B)]	Yes ☐ No ☐ N/A ☒
	b.	Did the facility follow the emergency procedures in 3745-65-56(A) through (H)?	Yes ☐ No ☐ N/A ☒
	c.	Did the facility submit a report to the Director within 15 days of the incident as required by 3745-65-56(I)?	Yes ☐ No ☐ N/A ☒
NOTE: OAC 3745-65-51(B) requires that the contingency plan be implemented immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents, which could threaten human health and the environment.			
PREPAREDNESS AND PREVENTION			
34.	Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31]		Yes ☒ No ☐ N/A ☐
35.	Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:		
	a.	Internal communications or alarm system? [3745-65-32(A)]	Yes ☒ No ☐ N/A ☐
	b.	Emergency communication device? [3745-65-32(B)]	Yes ☒ No ☐ N/A ☐
	c.	Portable fire control, spill control and decon equipment? [3745-65-32(C)]	Yes ☒ No ☐ N/A ☐
	d.	Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)]	Yes ☒ No ☐ N/A ☐
NOTE: Verify that the equipment is listed in the contingency plan.			
36.	Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]		Yes ☒ No ☐ N/A ☐
37.	Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33]		Yes ☒ No ☐ N/A ☐
38.	Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (unless the device is not required under 3745-65-32)? [3745-65-34(A)]		Yes ☒ No ☐ N/A ☐
39.	If there is only one employee on the premises, is there immediate access to a device (eg. phone, and hand held two-way radio) capable of summoning external emergency assistance (unless not required under 3745-65-32)? [3745-65-34(B)]		Yes ☒ No ☐ N/A ☐
40.	Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35]		Yes ☒ No ☐ N/A ☐
41.	Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)]		Yes ☒ No ☐ N/A ☐
42.	Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)]		Yes ☐ No ☐ N/A ☒

SATELLITE ACCUMULATION AREA REQUIREMENTS			
43.	Does the generator ensure that satellite accumulation area(s):		
	a.	Are at or near a point of generation? [3745-52-34(C)(1)]	Yes ☐ No ☐ N/A ☒
	b.	Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)]	Yes ☐ No ☐ N/A ☒
	c.	Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)]	Yes ☐ No ☐ N/A ☒
	d.	Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)]	Yes ☐ No ☐ N/A ☒
	e.	Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]	Yes ☐ No ☐ N/A ☒
	f.	Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]	Yes ☐ No ☐ N/A ☒
44.	Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:		Yes ☐ No ☒ N/A ☐
	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 ☐ No ☐ N/A ☒
	b.	Did the generator mark the container(s) holding excess with the accumulation date when the 55 gallon (one quart) limit was exceeded? [3745-52-34(C)(2)]	Yes ☐ No ☐ N/A ☒
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 then 1 quart for acute hazardous waste). There could be individual waste streams accumulated in an area from different points of generation.			
USE AND MANAGEMENT OF CONTAINERS IN <90 DAY ACCUMULATION AREAS			
45.	Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)]		Yes ☒ No ☐ N/A ☐
46.	Is the accumulation date on each container? [3745-52-34(A)(2)]		Yes ☒ No ☐ N/A ☐
47.	Are hazardous wastes stored in containers which are:		
	a.	Closed (except when adding/removing wastes)? [3745-66-73(A)]	Yes ☒ No ☐ N/A ☐
	b.	In good condition? [3745-66-71]	Yes ☒ No ☐ N/A ☐
	c.	Compatible with wastes stored in them? [3745-66-72]	Yes ☒ No ☐ N/A ☐
	d.	Handled in a manner which prevents rupture/leakage? [3745-66-73(B)]	Yes ☒ No ☐ N/A ☐
NOTE: Record location on process summary sheets, photograph the area, and record on facility map.			
48.	Is the container accumulation areas(s) inspected at least once during the period from Sunday to Saturday? [3745-66-74]		Yes ☒ No ☐ N/A ☐
	a.	Are inspections recorded in a log or summary? [3745-66-74]	Yes ☒ No ☐ N/A ☐
49.	Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76]		Yes ☒ No ☐ N/A ☐
50.	Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)]		Yes ☐ No ☐ N/A ☒
51.	If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B)? [3745-66-77(A)]		Yes ☐ No ☐ N/A ☒

52.	If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B)? [3745-66-77(B)]	Yes ☐ No ☐ N/A ☒
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.		
53.	If the generator has closed a <90 day accumulation area does the closure appear to have met the closure performance standard of 3745-66-11? [3745-52-34(A)(1)]	Yes ☒ No ☐ N/A ☐
NOTE: Please provide a description of the unit and documentation provided by the generator for the file to demonstrate that closure was completed in accordance with the closure performance standards. If the generator has closed a <90 day tank, closure must also be completed in accordance with OAC 3745-66-97 (except for paragraph C of this rule). [3745-52-34]		
PRE-TRANSPORT REQUIREMENTS		
54.	Does the generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)]	Yes ☒ No ☐ N/A ☐
55.	Does each container ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]	Yes ☒ No ☐ N/A ☐
56.	Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33]	Yes ☒ No ☐ N/A ☐

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 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.

PROHIBITIONS			
1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:		Yes ☐ No ☒ N/A ☐
	a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes ☐ No ☐ N/A ☒
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 ☐ No ☒ N/A ☐
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?		Yes ☐ No ☐ N/A ☒
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 ☐ No ☒ N/A ☐
	a.	Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)]	Yes ☐ No ☐ N/A ☒
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 ☐ No ☐ N/A ☒
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 ☒ No ☐ N/A ☐
7.	Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)]		Yes ☒ No ☐ N/A ☐
8.	Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)]		Yes ☐ No ☒ N/A ☐
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]		Yes ☐ No ☐ N/A ☒
	a.	Stopped the release?	Yes ☐ No ☐ N/A ☒
	b.	Contained the release?	Yes ☐ No ☐ N/A ☒
	c.	Cleaned up and properly managed the used oil and other materials?	Yes ☐ No ☐ N/A ☒
	d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes ☐ No ☐ N/A ☒

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 generators?	Yes ☐ No ☐ N/A ☒
	b.	Is the heater designed to have a maximum capacity of not more that 0.5 million BTU per hour?	Yes ☐ No ☐ N/A ☒
	c.	Are the combustion gases from heater vented to the ambient air?	Yes ☐ No ☐ N/A ☒
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#? [3745-279-24]		Yes ☐ No ☐ N/A ☒
12.	If the generator self-transports 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 ☐ No ☐ N/A ☒
	b.	Does the generator transport more than 55 gallons of used oil at any time? [3745-279-24]	Yes ☐ No ☐ N/A ☒
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 ☐ No ☐ N/A ☒
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]		Yes ☐ No ☐ N/A ☒
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 ☐ No ☐ N/A ☒
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.			

SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS			
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 ☐ No ☒ N/A ☐
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 ☐ No ☒ N/A ☐
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 ☐ No ☐ N/A ☒
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 ☐ No ☐ N/A ☒
5.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)]		Yes ☐ No ☐ N/A ☒
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 ☐ No ☐ N/A ☒
	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 ☐ No ☐ N/A ☒
	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 ☐ No ☐ N/A ☒
7.	Are the batteries or containers of batteries labeled with the words "Universal Waste-Battery(ies)" or "Waste Battery(ies)" or "Used Battery(ies)?" [3745-273-14(A)]		Yes ☐ No ☐ N/A ☒
UNIVERSAL WASTE PESTICIDES			
8.	Does the SQUWH prevent releases to the environment by managing pesticides in containers that are closed, structurally sound, compatible with the pesticides, and lack evidence of leakage, spillage, or damage? [3745-273-13(B)(1)]		Yes ☐ No ☐ N/A ☒
9.	If the original pesticide container is in poor condition, was it over-packed into an acceptable container? [3745-273-13(B)(2)]		Yes ☐ No ☐ N/A ☒
10.	If the pesticide is stored in a tank, are the requirements of rules 3745-66-90 through 3745-66-101, except for paragraph (C) of 3745-66-97, of the OAC met? (Use tank checklist) [3745-273-13(B)(3)]		Yes ☐ No ☐ N/A ☒
11.	If pesticides are stored in a transport vehicle, is it closed, structurally sound, compatible with the pesticide(s), and does it lack evidence of leakage, spillage, or damage that could cause leakage? [3745-273-13(B)(4)]		Yes ☐ No ☐ N/A ☒
12.	Are recalled universal waste pesticides that are in containers, tanks, or transport vehicles labeled with the label that was on or accompanied the product as sold or distributed and labeled with the words "Universal Waste Pesticides" or "Waste Pesticides?" [3745-273-14(B)(1)&(2)]		Yes ☐ No ☐ N/A ☒
13.	Are unused pesticide products that are in containers, tanks, or transport vehicles labeled with either the label that was on the product when purchased (if still legible), the appropriate DOT label, or the designated label prescribed by the pesticide collection program and labeled with the words "Universal Waste-Pesticides" or "Waste Pesticides?" [3745-273-14(C)(1)&(2)]		Yes ☐ No ☐ N/A ☒
UNIVERSAL WASTE MERCURY-CONTAINING EQUIPMENT			
14.	Has mercury-containing equipment with non-contained elemental mercury		Yes ☐ No ☐ N/A ☒

	or that shows evidence of leakage, spillage or damage that could cause leaks been placed in a container that is closed, structurally sound, compatible with contents of the device and lacks evidence of leakage, spillage or damage that could cause leakage and is designed to prevent escape of mercury into the environment by volatilization or any other means? [3745-273-13(C)(1)]		
15.	If the mercury-containing ampules are removed, does the SQUWH: [3745-273-13(C)(2)]		
	a.	Remove and manage the ampules in a manner to prevent breakage and is the removal done over or in a containment device? [3745-273-13(C)(2)(a)&(b)]	Yes ☐ No ☐ N/A ☒
	b.	Have a clean-up system readily available to transfer spilled mercury to another container that meets the requirements of OAC rule 3745-52-34 and is the spilled mercury transferred immediately? [3745-273-13(C)(2)(c)&(d)]	Yes ☐ No ☐ N/A ☒
	c.	Ensure that the area where ampules are removed is well ventilated and monitored in compliance with applicable OSHA exposure levels for mercury? [3745-273-13(C)(2)(e)]	Yes ☐ No ☐ N/A ☒
	d.	Ensure that employees are thoroughly familiar with the proper waste handling and emergency procedures? [3745-273-13(C)(2)(f)]	Yes ☐ No ☐ N/A ☒
	e.	Ensure that removed ampules are stored in closed, non-leaking containers that are in good condition? [3745-273-13(C)(2)(g)]	Yes ☐ No ☐ N/A ☒
	f.	Pack removed ampules in containers with packing material to prevent breakage during storage, handling and transportation? [3745-273-13(C)(2)(h)]	Yes ☐ No ☐ N/A ☒
16.	If the open original housing holding mercury is removed from a mercury-containing equipment that does not contain an ampule, does the SQUWH: [3745-273-13(C)(3)]		Yes ☐ No ☐ N/A ☒
	a.	Immediately seal the original housing holding the mercury with an air-tight seal to prevent the release of any mercury to the environment? [3745-273-13(C)(3)(a)]	Yes ☐ No ☐ N/A ☒
	b.	Follow all requirements for removing ampules and managing removed ampules in accordance with 3745-273-13(C)(2)? [3745-273-13(C)(3)(b)]	Yes ☐ No ☐ N/A ☒
17.	When removing mercury containing ampules from mercury-containing equipment or sealing mercury from its original housing if there are mercury or clean-up residues resulting from spills or leaks, and/or other waste generated (e.g., remaining mercury-containing device), has it been determined whether those exhibit a characteristic of hazardous waste identified in OAC rules 3745-51-20 to 3745-51-24? [3745-273-13(C)(4)(a)]		Yes ☐ No ☐ N/A ☒
	a.	If the residues, and/or wastes are characteristic, are they managed in compliance with Chapters 3745-50 through 3745-69, 3745-205, 3745-256, 3745-266, and 3745-270 of the Administrative Code? (The handler is considered the generator of the mercury, residues, and/or other waste and is subject to OAC Chapter 3745-52) [3745-273-13(C)(4)(b)]	Yes ☐ No ☐ N/A ☒
18.	Is mercury-containing equipment or containers of mercury-containing equipment labelled either "Universal Waste-Mercury-Containing Equipment" or "Waste Mercury-Containing Equipment" or "Used Mercury-Containing Equipment"? [3745-237-14(D)(1)]		Yes ☐ No ☐ N/A ☒
19.	Are mercury-containing thermostats or containers containing ONLY thermostats labeled either "Universal Waste-Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)?" [3745-273-14(D)(2)]		Yes ☐ No ☐ N/A ☒
UNIVERSAL WASTE LAMPS			
20.	Does the SQUWH contain lamps in containers or packages that are		Yes ☒ No ☐ N/A ☐

	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)]	
21.	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 ☐ No ☐ N/A ☒
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.*		
22.	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 ☐ No ☒ N/A ☐
ACCUMULATION TIME		
23.	Is the waste accumulated for less than one year? [3745-273-15(A)]	Yes ☒ No ☐ N/A ☐
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 ☒ No ☐ N/A ☒
NOTE: Accumulation is defined as date generated or date received from another handler.		
24.	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 ☒ No ☐ N/A ☐
EMPLOYEE TRAINING		
25.	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 ☒ No ☐ N/A ☐
RESPONSE TO RELEASES		
26.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]	Yes ☐ No ☐ N/A ☒
27.	Is the material released characterized? [3745-273-17(B)]	Yes ☐ No ☐ N/A ☒
28.	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 ☐ No ☐ N/A ☒
OFF-SITE SHIPMENTS		
NOTE: If a SQUWH self-transports waste, then the handler must comply with the Universal Waste transporter requirements.		
29.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)]	Yes ☒ No ☐ N/A ☐

30.	Is the handler aware of DOT requirements for packaging and shipping? If no, make aware of 49 CFR 171-180.		Yes ☒ No ☐ N/A ☐
31.	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 ☒ No ☐ N/A ☐
32.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?		Yes ☐ No ☒ N/A ☐
	a.	If yes, did the originating handler receive the waste back or agree to where the shipment was sent? [3745-273-18(E)]	Yes ☐ No ☐ N/A ☒
33.	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 ☐ No ☐ N/A ☒
	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)]	Yes ☐ No ☐ N/A ☒
34.	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 ☐ No ☐ N/A ☒

EXPORTS

NOTE: Small quantity handlers that export waste to the countries listed in 40 CFR 262.58(a)(1) are subject to 40 CFR 262 subpart H. Small quantity handlers that export waste to a foreign destination other than the countries listed in 40 CFR 262.58(a)(1) are subject to 40 CFR 262.53, 40 CFR 262.56(a)(1) to (a)(4), (a)(6), and (b), 40 CFR 262.57, and 40 CFR 262 subpart E. [3745-273-20]

NOTE: Violations regarding exporting universal waste to foreign destinations should be referred to U.S. EPA Region 5 because the federal counterpart provisions are not delegable to states.