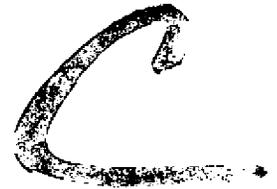




State of Ohio Environmental Protection Agency

Northeast District Office



2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

February 20, 2008

RE: GOODRICH LANDING GEAR  
OHD 987 007 960  
CUYAHOGA COUNTY  
LQG, USED OIL, UNIV. WASTE  
NOV

Stephanie Steinmetz  
Manager, Environmental, Health and Safety  
8000 Marble Avenue  
Cleveland, OH 44105

Dear Mr. Steinmetz:

Ohio EPA conducted a hazardous waste inspection at Goodrich Landing Gear (Goodrich) on January 31, 2008. The purpose of the inspection was to evaluate Goodrich'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). I represented Ohio EPA during the inspection. Jay Finger and you represented Goodrich.

During the inspection, Ohio EPA learned that Goodrich manufactures and assembles landing gear for commercial and military airplanes. The hazardous waste generated at the facility are the following: rags (D005, D006, D007, D008, D035, and F005), assembly wash tank water (D006, D007), nitric acid, hydrochloric acid and caustic solution (D002, D006, D007), waste flammable liquid (D001, D005, D006, D007, D008, D035, and F005), scrubber discharge with cadmium (D006), cadmium cyanide rinse electroplating (D002, D003, D006, D007), waste chromic acid solution (D002, D007), waste paint (D001, D006, D007, and D008), and waste wax (D001, D005). Goodrich also generates spent fluorescent light bulbs, batteries, BUSTR remediation ground water, and used oil.

Ohio EPA discovered the following violation of Ohio's hazardous waste rules and regulations during the inspection.

1. Accumulation date on Hazardous Waste Container  
OAC 3745-52-34 (A) (2)

Goodrich has failed to label the accumulation start date on 7 (55-gallon) drums of hazardous waste rags in the waste storage building.

In a letter dated February 11, 2008, Goodrich submitted pictures showing the 7 (55-gallon) drums have been properly dated. This violation has been abated.

2. Annual Refresher Training  
OAC 3745-65-16(C)

Goodrich failed to provide annual refresher training, which includes the contingency plan, to all personnel listed as requiring this training in 2007.

GOODRICH LANDING GEAR  
FEBRUARY 20, 2008  
PAGE - 2 -

In a letter dated February 11, 2008, Goodrich identified over 200 employees that failed to have completed the annual refresher training in 2007. To abate this violation, please forward information to Ohio EPA that demonstrates that each employee that is required to receive training in course EHS117 and EHS504 have received that training. This information needs to be submitted to Ohio EPA within 30 days of the date on this letter.

Ohio EPA would like to recommend that someone within the Environmental Health and Safety group conduct the weekly hazardous waste storage area inspections. I find that companies often find their own mistakes and training needs by keeping this responsibility at the management level.

Enclosed is a copy of the checklists that we completed during the inspection. Should you have any questions, please feel free to call me at (330) 963-1272. You can find copies of the rules and other information on the division's web page at: <http://www.epa.state.oh.us/dhwm>. Ohio EPA also has helpful information about pollution prevention at the following web address: <http://www.epa.state.oh.us/opp>.

DHWM has created an electronic news service to provide you with timely news and updates related to hazardous waste activities in Ohio. You can sign up for this free service at: <http://www.epa.state.oh.us/dhwm/listserv.html>.

Sincerely,



Nyall McKenna  
Environmental Specialist  
Division of Hazardous Waste Management

NM:ddw

Enclosure

cc: Natalie Oryshkewych, DHWM, NEDO

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

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

CESQG: ≤100Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.

SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.

LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥ 1 Kg. of acutely hazardous waste in a calendar month.

NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

**GENERAL REQUIREMENTS**

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

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

- |   |                              |  |                              |
|---|------------------------------|--|------------------------------|
| 9. Has the generator accumulated hazardous waste on-site in excess of 90 days without a permit or an extension from the director ORC §3734.02 (E) & ( F)? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
|---|------------------------------|--|------------------------------|

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)] | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/>            |
| a. Container that meets 3745-66-70 to 3745-66-77?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/>            |
| b. Tank that meets 3745-66-90 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 checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/>            |

NOTE: Complete appropriate checklist for each unit.

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

- |   |                              |  |   |
|---|------------------------------|--|---|
| 11. Does the generator export hazardous waste? If so:   | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/>            |
| a. Has the generator notified U.S. EPA of export activity? [3745-52-53(A)]                                      | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/> |
| b. Has the generator complied with special manifest requirements? [3745-52-54]                                  | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/> |
| c. For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55] | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/> |
| d. Has an annual report been submitted to U.S. EPA? [3745-52-56]  | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/> |
| e. Are export related documents being maintained on-site? [3745-52-57(A)]                                       | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/> |

**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)] | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> |
| 13. Have items (1) through (20) of each manifest been completed? [3745-52-20(A)]                                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> |

NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations items (21) through (35) must also be completed. [3745-52-20(A)]

- |  |                              |                             |                              |
|--|------------------------------|-----------------------------|------------------------------|
| 14. Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)] | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> |
|--|------------------------------|-----------------------------|------------------------------|

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 <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> |
| 16. Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1) & (2)]   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> |

NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have a program in place to reduce the volume and toxicity waste they generate.

- 17. 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
- 18. 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
- 19. 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: 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**

- 20. 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
- 21. 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)(a-f)] Yes  No  N/A
- 22. Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)] Yes  No  N/A
- 23. 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
- 24. Does the generator provide annual refresher training to employees? [3745-65-16(C)] Yes  No  N/A
- 25. Does the generator keep records and documentation of:
  - a. Job titles [3745-65-16D(1)]? Yes  No  N/A
  - b. Job descriptions [3745-65-16D(2)]? Yes  No  N/A
  - c. Type and amount of training given to each person [3745-65-16D(3)]? Yes  No  N/A
  - d. Completed training or job experience required [3745-65-16D(4)]? Yes  No  N/A
- 26. 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.

<u>Job Performed</u>	<u>Name of Employee</u>	<u>Date Trained</u>

**CONTINGENCY PLAN**

- 27. 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
- 28. 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 Counter measures Plan" under CFR Part 112 or 40 CFR Part 1510, 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. [3745-65-52(B)]

29. 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

30. 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

31. 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

32. 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(J)? 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

33. 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

34. 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.

35. Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33] Yes  No  N/A

36. Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33] Yes  No  N/A

37. 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

38. 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? (Unless not required under 3745-65-32) [3745-65-34(B)] Yes  No  N/A

39. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes  No  N/A

40. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)] Yes  No  N/A

41. 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

42. 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

[Facility Name/Inspection Date]

[ID number]

LQG/February 2007

Page 3 of 4

- 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
43. 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 than 1 quart for acute hazardous waste). There could be individual waste streams accumulated in an area from different points of generation.

**USE AND MANAGEMENT OF CONTAINERS IN <90 DAY ACCUMULATION AREAS**

44. Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)] Yes  No  N/A
45. Is the accumulation date on each container? [3745-52-34(A)(2)] Yes  No  N/A
46. 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.

47. Is the container accumulation areas(s) inspected weekly? [3745-66-74] Per ORC§1.44(A) Yes  No  N/A   
 "Week" means 7 consecutive days.
- a. Are inspections recorded in a log or summary? [3745-66-74] Yes  No  N/A
48. 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
49. 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
50. 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
51. 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.

52. 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**

53. 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
54. Does each container <110 gallons have a completed hazardous waste label? [3745-52-32(B)] Yes  No  N/A
55. 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

[Facility Name/Inspection Date]

[ID number]

LQG/February 2007

Page 4 of 4

# USED OIL INSPECTION CHECKLIST (Short Version)

**NOTE:** This checklist does not include requirements for used oil transporters and transfer facilities, processors and re-refiners, burners, and marketers.

## PROHIBITIONS

1. Is used oil being managed in a surface impoundment or waste pile? If so: Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_  
Is the surface impoundment or waste pile being regulated under OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-12(A)] Yes \_\_\_ No  N/A  RMK# \_\_\_
2. Is used oil being used as a dust suppressant? [3745-279-12(B)] Yes  No  N/A \_\_\_ RMK# \_\_\_
3. Is off-specification used oil fuel burned for energy recovery only in devices specified in 3745-279-12(C)? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_

## USED OIL GENERATOR STANDARDS

4. Does the generator mix hazardous waste with used oil only as provided in 3745-279-10(B)? [2745-279-21(A)] Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
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  RMK# \_\_\_
6. Does the generator only store used oil in tanks, containers, or units subject to OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-22(A)] Yes  No  N/A \_\_\_ RMK# \_\_\_
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 \_\_\_ RMK# \_\_\_
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 \_\_\_ RMK# \_\_\_
9. Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]
- a. Stopped the release? Yes \_\_\_ No  N/A  RMK# \_\_\_
- b. Contained the release? Yes \_\_\_ No  N/A  RMK# \_\_\_

- c. Cleaned up and properly managed the used oil and other materials? Yes  No  N/A  RMK#
- d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes  No  N/A  RMK#
10. Does the generator burn used oil in used fired space heaters? [3745-279-23] If so: Yes  No  N/A  RMK#
- 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  RMK#
- b. Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour? Yes  No  N/A  RMK#
- c. Are the combustion gases from heater vented to the ambient air? Yes  No  N/A  RMK#
11. Does the generator have the used oil hauled only by transporters that have obtained U.S. EPA ID#, unless the generator qualifies for an exemption pursuant to 3745-279-24 (self transportation or tolling agreements)? [3745-279-24] Yes  No  N/A  RMK#

**USED OIL COLLECTION CENTERS AND AGGREGATION POINTS**

12. 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  RMK#
13. Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31] Yes  No  N/A  RMK#
14. 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  RMK#

**WASTE EVALUATION**

15. Have all wastes generated at the facility been evaluated? [3745-52-11] Yes  No  N/A  RMK#

C:\Documents and Settings\NMckenna\My Documents\iFolder\checklist\USED OIL.SHORT.11.2004.wpd

**REMARKS**

**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  No \_\_\_ N/A \_\_\_ RMK# \_\_\_
  
- 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  No  N/A \_\_\_ RMK# \_\_\_

**WASTE MANAGEMENT & LABELING/MARKING**

**UNIVERSAL WASTE BATTERIES**

- 3. Are battery(ies) that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)] Yes \_\_\_ No  N/A  RMK# \_\_\_
  
- 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 \_\_\_ RMK# \_\_\_
  
- 5. Does the SQUWH conduct any of the following activities:
  - a. Sort batteries by type? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
  - b. Mix battery types in one container? Yes  No \_\_\_ N/A \_\_\_ RMK# \_\_\_
  - c. Discharge batteries to remove the electric charge? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
  - d. Regenerated used batteries? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
  - e. Disassemble them into individual batteries or cells? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
  - f. Remove batteries from consumer products? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
  - g. Remove the electrolyte from the battery? Yes \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
  
- If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)(2)] Yes  No  N/A \_\_\_ RMK# \_\_\_

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 \_\_\_ No  N/A  RMK# \_\_\_
- 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 \_\_\_ No  N/A  RMK# \_\_\_
- 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  RMK# \_\_\_
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  No  N/A \_\_\_ RMK# \_\_\_

**UNIVERSAL WASTE LAMPS**

8. Does the SQGUHW 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  No  N/A \_\_\_ RMK# \_\_\_
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 \_\_\_ No  N/A  RMK# \_\_\_
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  No  N/A \_\_\_ RMK# \_\_\_

**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.

### ACCUMULATION TIME

11. Is the waste accumulated for less than one year? [3745-273-15(A)] If not: Yes  No  N/A \_\_\_ RMK# \_\_\_
- 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  No  N/A \_\_\_ RMK# \_\_\_

**NOTE:** *Accumulation is defined as date generated or date received from another handler.*

12. Is the length of time the universal waste is stored documented by one of the following: [3745-273-15(C)] Yes  No  N/A \_\_\_ RMK# \_\_\_
- 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 \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
- 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 \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
- 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 \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
- 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  No \_\_\_ N/A \_\_\_ RMK# \_\_\_
- 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 \_\_\_ No  N/A \_\_\_ RMK# \_\_\_
- 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 \_\_\_ No  N/A \_\_\_ RMK# \_\_\_

### 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  No  N/A  RMK#

**RESPONSE TO RELEASES**

14. Are releases of universal waste and other residues immediately contained? [3745-273-17(A)] Yes  No  N/A  RMK#
15. Is the material released characterized? [3745-273-17(B)] Yes  No  N/A  RMK#
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  No  N/A  RMK#

**OFF-SITE SHIPMENTS**

**NOTE:** *If a SQUWH self-transport waste, then they must comply with the Universal Waste transporter requirements.*

17. Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)] Yes  No  N/A  RMK#

**NOTE:** *SQUWHs are prohibited to send waste to any other facility.*

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  No  N/A  RMK#
19. Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)] Yes  No  N/A  RMK#
20. If the universal waste shipped off-site is rejected by another handler or destination facility does the originating handler do one of the following:
- a. Receive the waste back? [3745-273-18(E)(1)] Yes  No  N/A  RMK#
- b. Agree to where the shipment will be sent? [3745-273-18(E)(2)] Yes  No  N/A  RMK#

21. If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss one of the following:

Yes  No  N/A  RMK#     

a. Sending the waste back to the originating handler? [3745-273-18(F)(1)]

Yes  No  N/A  RMK#     

b. Sending the shipment to a destination facility? (If both the originating and receiving handler agree) [3745-273-18(F)(2)]

Yes  No  N/A  RMK#     

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  No  N/A  RMK#     

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  No  N/A  RMK#     

### EXPORTS

24. Is waste being sent to a foreign destination? If so:

Yes  No  N/A  RMK#     

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  No  N/A  RMK#     

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  No  N/A  RMK#     

c. Is a copy of U.S. EPA's "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]

Yes  No  N/A  RMK#     

### REMARKS

