



State of Ohio Environmental Protection Agency

**Southwest District Office**

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

March 9, 2009

Mr. Haze H. Flowers Jr.  
Director of Human Resources  
4288 Armstrong Blvd.  
Batavia, Ohio 45103-1600

**Re: American Micro/Compliance Evaluation Inspection/OHR000015420**

**Notice of Violation**

Dear Mr. Flowers:

Thank you and Mr. John Woods for accompanying me during the Ohio EPA February 23, 2009 inspection of American Micro in Batavia, Ohio. Our goal was to determine American Micro 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**

- During the inspection and paperwork review Ohio EPA observed the following violations:

**OAC 3745-52-34(D)(4)**

**Use and Management of Containers**

- American Micro failed to mark each container (11) with the words "Hazardous Waste".
- American Micro must mark each container (11) with the words "Hazardous Waste".

**OAC 3745-66-73(A)**

**Management of Containers**

- American Micro failed to close (5) containers.
- American Micro must close all containers except when adding or removing waste.
- This violation was corrected during the inspection.

**OAC 3745-273-14(E)**

**Labeling/Marking- Universal Waste**

- American Micro failed to label the containers/storage area that contained universal waste.
- American Micro must label containers and the storage area with the words "**Universal Waste**".

Mr. Haze H. Flowers Jr.  
Director of Human Resources  
March 9, 2009  
Page 2

**OAC 3745-66-74**  
**Inspections**

- The owner or operator must inspect areas where containers are stored, at least weekly, looking for leaks and deterioration caused by corrosion or other factors. The owner or operator must record inspections in an inspection log or summary.
- During the inspection American Micro failed to produce an inspection log.
- American Micro must develop an inspection log and begin recording the inspections on a weekly basis.

American Micro must develop an inspection log and begin recording the inspections on a weekly basis.

American Micro must correct the violations listed above within thirty days of receipt of this letter. If you have a problem meeting this deadline, please give me a call at the number below and request more time.

Enclosed you will find a copy of the checklists that we completed during the inspection. Should you have any questions, please feel free to call me at (937) 285-6092. 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>.

Sincerely,



Larry Dickerson  
District Representative  
Division of Hazardous Waste Management

cc: Dinah Crawford, SWDO\_DHWM /DHWM FILE

LD/ph

**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.

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

**WASTE MANAGEMENT AND LABELING/MARKING**

**UNIVERSAL WASTE BATTERIES**

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

**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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
9.	If the original pesticide container is in poor condition, was it over-packed into an acceptable container? [3745-273-13(B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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; 3745-66-100 and 3745-66-101 of the OAC met? (Use tank checklist) [3745-273-13(B)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

UNIVERSAL WASTE THERMOSTATS		
14.	Have thermostats that show evidence of leakage, spillage or damage that could cause leaks been contained in a container that is closed, structurally sound, compatible with contents of the thermostats and lacks evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(C)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	If the mercury-containing ampules are removed, does the SQUWH: [3745-273-13(C)(2)]	
a.	Remove 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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Ensure that employees are thoroughly familiar with the proper waste handling and emergency procedures? [3745-273-13(C)(2)(f)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
e.	Ensure that removed ampules are stored in closed, non-leaking containers that are in good condition? [3745-273-13(C)(2)(g)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
f.	Pack removed ampules in containers with packing material to prevent breakage during storage, handling and transportation? [3745-273-13(C)(2)(h)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
16.	When removing mercury containing ampules from thermostats if there are mercury or clean-up residues resulting from spills or leaks, and/or other waste generated (e.g., remaining thermostat units), 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)(3)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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)(3)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
17.	Are thermostats or containers of thermostats labeled either "Universal Waste-Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)"? [3745-273-14(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
UNIVERSAL WASTE LAMPS		
18.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage, spillage or damage that could cause leakage or releases of mercury or hazardous waste constituents to the environment? [3745-273-13(D)(2)]	Yes <input checked="" type="checkbox"/> No <input 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 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.</b></p>		

20.	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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>ACCUMULATION TIME</b>		
21.	Is the waste accumulated for less than one year? [3745-273-15(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If not, is the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Accumulation is defined as date generated or date received from another handler.</i>		
22.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-15(C)]  If yes, describe below:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>EMPLOYEE TRAINING</b>		
23.	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</b>		
24.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
25.	Is the material released characterized? [3745-273-17(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
26.	If the material released is a hazardous waste, was it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to OAC Chapter 3745-52) [3745-273-17(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>OFF-SITE SHIPMENTS</b>		
<i>NOTE: If a SQUWH self-transport waste, then the handler must comply with the Universal Waste transporter requirements.</i>		
27.	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"/>
28.	Is the handler aware of DOT requirements for packaging and shipping?  If no, make aware of 49 CFR 171-180.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
29.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-18(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
30.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	If yes, did the originating handler receive the waste back or agree to where the shipment was sent? [3745-273-18(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
31.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss and do <u>one of the following</u> :	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-18(F)(2)] (this change makes it like the LQUWH checklist)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

32.	If the handler received a shipment of hazardous waste that was not a universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
<b>EXPORTS</b>		
33.	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 rules 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is waste exported only upon consent of the receiving country and in conformance with the U.S. EPA "Acknowledgment of Consent" as defined in OAC rules 3745-52-50 to 3745-52-57? [3745-273-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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

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 | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            | N/A | <input type="checkbox"/>            |
| 2. | Has the generator obtained a U.S. EPA I.D. number? [3745-52-12]   | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            | N/A | <input type="checkbox"/>            |
| 3. | 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 | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/>            |
| 4. | Has the generator disposed of hazardous waste on-site without a permit or at another facility other than a facility authorized to dispose of hazardous waste? [ORC 3734.02 (E) & (F)] | Yes | <input type="checkbox"/>            | No | <input type="checkbox"/>            | N/A | <input checked="" type="checkbox"/> |
| 5. | Does the generator accumulate hazardous waste?  | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            | N/A | <input type="checkbox"/>            |

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

- |    |  |     |                          |    |                                     |     |                          |
|----|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|
| 6. | Has the generator accumulated hazardous wastes in excess of (180/270) days without a permit or an extension from the Director? [3745-52-34; ORC §3734-02(E)&(F)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
|----|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|

NOTE: SQG's shipping waste to a facility greater than 200 miles away can accumulate on-site for 270 days. [3745-52-34 (E)]

- |    |   |     |                          |    |                                     |     |                          |
|----|---|-----|--------------------------|----|-------------------------------------|-----|--------------------------|
| 7. | Is the generator accumulating more than 6,000 kg on site? [3745-52-34(D)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
|----|---|-----|--------------------------|----|-------------------------------------|-----|--------------------------|

NOTE: 6,000 kg = approximately 27, 55-gallon drums. If the facility is accumulating waste for greater than 180/270 days without an extension/permit or is accumulating greater than 6,000 kg on-site, it is classified as a storage facility and TSD standards apply. Complete applicable TSD checklists.

- |    |   |     |                          |    |                          |     |                                     |
|----|---|-----|--------------------------|----|--------------------------|-----|-------------------------------------|
| 8. | Does the generator treat hazardous waste in a:                      |     |                          |    |                          |     |                                     |
|    | a. Container that meets 3745-66-70 to 3745-66-77?                   | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input checked="" type="checkbox"/> |
|    | b. Tank that meets 3745-66-90 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 waste is treated to meet LDRs, use LDR checklist.

**MANIFEST REQUIREMENTS**

- |     |  |     |                                     |    |                          |     |                          |
|-----|--|-----|-------------------------------------|----|--------------------------|-----|--------------------------|
| 9.  | Are all hazardous wastes either reclaimed under a contractual agreement as defined in OAC rule 3745-52-20(E), or shipped off-site accompanied by a manifest (U.S. EPA Form 8700-22)? [3745-52-20(A)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 10. | Are wastes reclaimed under a contractual agreement? If so: [3745-52-20(E)]   | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |

[Facility Name/Inspection Date]  
 [ID number]  
 SQG/February 2007  
 Page 1 of 4



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

- a. Does the contractual agreement specify the type of waste and frequency of shipment? Yes  No  N/A
- b. Is the transport vehicle owned and operated by the reclaimer? Yes  No  N/A
- c. Is a copy of the reclamation agreement kept on-site for at least three years after termination/expiration of the agreement? Yes  No  N/A

NOTE: If wastes are reclaimed under a contractual agreement and an answer to questions 10(a) through 10(c) is no, the generator is in violation of 3745-52-20 (A) (B) & (D), 3745-52-22 and 3745-52-23. Even if the waste is being reclaimed under agreement, LDRs still apply. Complete LDR checklist.

11. Have items 1 through 20 of each manifest been completed?[3745-52-20(A)] 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 complete. [3745-52-20 (A)]

12. 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 alternative facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)]

13. If the transporter was unable to deliver a shipment of hazardous waste to the designated facility did the generator designate an alternative TSD facility or give the transporter instructions to return the waste? [3745-52-20(D) ] Yes  No  N/A

14. Have the manifests been signed by the generator and initial transporter? [3745-52-23 (A) (1) and (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 made a good faith effort to minimize their waste generation.

15. If the generator did not receive a return copy of each completed manifest within 60 days of being accepted by the transporter did the generator submit to Ohio EPA, a copy of the manifest with some indication that the generator has not received confirmation of delivery? 3745-52-42(B)] Yes  No  N/A

16. Are signed copies of all manifests 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.

**PREPAREDNESS AND PREVENTION**

17. Is an emergency coordinator available at all times (on-site or on-call)? [3745-52-34(D)(5)(a)] Yes  No  N/A

18. Has the following been posted by the telephone: [3745-52-34(D)(5)(b)]

- a. Name and telephone number of emergency coordinator? Yes  No  N/A
- b. Location of fire and spill control equipment, and, if present, fire alarm(s) Yes  No  N/A
- c. Telephone number of local fire department? Yes  No  N/A

19. Are employees familiar with waste handling and emergency procedures [3745-52-34(D)(5)(c)] Yes  No  N/A

20. Has the facility properly responded to all fires and spills? [3745-52-34(D)(5)(d)] Yes  No  N/A



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

21. Is the facility operated to minimize the possibility of fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste? [3745-65-31] Yes  No  N/A
22. Does the generator have the following equipment at the facility if it is required due to actual hazards associated with the waste:
- a. Internal Alarm system? [3745-65-32(A)] Yes  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
23. Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency?[3745-65-33]
- a. Are inspections recorded in a log or summary? [3745-65-33]? Yes  No  N/A
24. Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (unless the device is not required under OAC 3745-65-32)? [3745-65-34(A)] Yes  No  N/A
25. If there is only one employee on the premises is there immediate access to a device (ex. phone, hand-held two-way radio) capable of summoning external emergency assistance? (Unless not required under 3745-65-32?) [3745-65-34(B)] Yes  No  N/A
26. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes  No  N/A
27. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layout? [3745-65-37(A)] Yes  No  N/A
28. 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

29. Does the generator ensure that satellite accumulation area(s):
- a. Are at or near a point of generation? {3745-52-34(C)(1)} Yes  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 the words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)] Yes  No  N/A
30. Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:
- 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



10-10-10

- b. Did the generator mark the container(s) holding the excess with the accumulation date when the 55 gallon (one quart) limit was exceeded? [3745-52-34(C)(2)] Yes  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**

31. Has the generator marked containers with the words "Hazardous Waste"[3745-52-34(D)(4)] Yes  No  N/A
32. Is the accumulation date on each container? [3745-52-34(D)(4)] Yes  No  N/A
33. 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 and photograph the area.*

34. Is the container accumulation area(s) inspected at least weekly? [3745-66-74] Per ORC§1.44(A) "Week" means seven(7) consecutive days. Yes  No  N/A
- a. Are inspections recorded in a log or summary? [3745-66-74] Yes  No  N/A
35. Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)] Yes  No  N/A
36. If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B) 3745-66-77(A)] Yes  No  N/A
37. If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B) ? [3745-66-77(B)] Yes  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.*

**PRE-TRANSPORT REQUIREMENTS**

38. Does each generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)] Yes  No  N/A
39. Does each container ≤100 gallons have a completed hazardous waste label? [3745-52-32(B)] Yes  No  N/A
40. 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



11/11/11