



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Road  
Twinsburg, OH 44087-1924

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

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Laura H. Powell, Acting Director

January 22, 2007

RE: XIM PRODUCTS, INC.  
LARGE QUANTITY GENERATOR  
OHD 004 213 310  
CUYAHOGA COUNTY  
NOV

Mr. Juan Jarufe  
XIM Products, Inc.  
1169 Bassett Rd.  
Westlake, OH 44145

Dear Mr. Jarufe:

On January 11, 2007, Tom Roth and I, representing the Ohio Environmental Protection Agency (Ohio EPA), Division of Hazardous Waste Management, conducted a compliance evaluation inspection (CEI) at XIM Products' (XIM) Westlake, Ohio facility. XIM was inspected to determine its compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC), and the rules promulgated thereunder in Chapter 3745 of the Ohio Administrative Code (OAC).

The inspection included a review of the facility's operations, as well as the management of wastes. XIM was inspected for the requirements of a large quantity generator (LQG) of hazardous waste.

Ohio EPA identified the following violations of Ohio's hazardous waste rules. In order to correct these violations, the facility must do the following and send me the required information **within 30 days** of the date of this letter:

1. Waste Evaluation, OAC rule 3745-52-11:  
Any person who generates a waste, as defined in OAC rule 3745-51-02, must determine if that waste is a hazardous waste.

The facility failed to evaluate spent solvent (xylene and toluene) rags prior to disposal. The solvent rags are used to clean mixing tanks and equipment.

**In order to abate this violation, the facility must submit a written plan which indicates how the spent solvent rags will be managed.**

Information on solvent contaminated rags along with a list of commercial laundry contacts in Ohio was provided to you via email.

2. Waste Evaluation, OAC rule 3745-52-11:  
Any person who generates a waste, as defined in OAC rule 3745-51-02, must determine if that waste is a hazardous waste.

The facility failed to evaluate spent solvent-based paint filters prior to disposal.

**In order to abate this violation, the facility must submit a written plan which indicates how the spent solvent-based filters will be managed.**

3. Personnel Training, OAC rule 3745-65-16(A)(1-3), (C), (D)(1-4):  
Facility personnel must complete training on hazardous waste management procedures.

XIM violated the following personnel training requirements:

- (a) OAC rules 3745-65-16(A)(1-3): Facility personnel did not complete training that teaches them to perform their duties in a way that ensures compliance with several hazardous waste rules. The personnel training program must: be directed by a person trained in hazardous waste management procedures; include instruction on hazardous waste management procedures and contingency plan implementation procedures relevant to the positions in which they are employed; and ensure facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems.
- (b) OAC rule 3745-65-16(C): The facility failed to conduct or document annual personnel training since March 2004.
- (c) OAC rules 3745-65-16(D)(1-4): The facility failed to maintain the following documents and records at the facility: (1) job titles, as they relate to hazardous waste management, and the name of each employee filling each job; (2) a written job description for each position at the facility, including requisite skill, education, or other qualifications, and duties of facility personnel assigned to each position; (3) a written description of the type and amount of both introductory and continuing training to be given to each person filling a position; and (4) records that document that the training or job experience required by of this rule has been given to, and completed by, facility personnel.

**In order to abate this violation, the facility must immediately provide personnel training as required and submit the following documentation:**

- **A copy if training materials or a description of the training topics provided to each employee on hazardous waste management procedures and contingency plan implementation;**
- **A copy of the sign-in sheets documenting the date(s) when training was provided to each employee; and**
- **The personnel training documents/records required by OAC rule 3745-65-16(D)(1-4).**

4. Contingency Plan, OAC rule 3745-65-52(E):  
The contingency plan must include the location and a physical description of all emergency equipment.

XIM failed to provide a list of emergency equipment available at the hazardous waste storage area located in Building A.

**In order to abate this violation, the facility must revise the contingency plan to include this emergency equipment and submit a copy of revised pages.**

5. Contingency Plan Distribution, OAC rule 3745-65-53(B):

A copy of the contingency plan and all revisions shall be submitted to all local police departments, fire departments, hospitals, and local emergency response teams.

The facility failed to submit the contingency plan and revisions to all local authorities required by OAC rule 3745-65-53(B).

**In order to abate this violation, the facility must provide the plan to local authorities and submit documentation (cover letter or certified mail receipt) demonstrating this has been completed.**

6. Emergency Equipment Inspections, OAC rule 3745-65-33:

All facility communication or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment must be tested and maintained as necessary to assure its proper operation in time of emergency. The owner/operator must record the inspections in a log or summary.

The facility failed to conduct and record emergency equipment inspections.

**In order to abate this violation, the facility must submit a written inspection schedule (i.e. that outlines the frequency for inspecting and testing emergency equipment) and a copy of a completed inspection log for review.** An example inspection log was provided to you during the inspection.

7. Labeling, OAC rule 3745-52-34(A)(3):

While being accumulated and/or treated on-site, each container must be labeled or marked clearly with the words "Hazardous Waste."

The facility failed to label two 55-gallon drums located in the Manufacturing Area with the words "Hazardous Waste."

**This violation was abated during the inspection and no further response is required.**

8. Dating, OAC rule 3745-52-34(A)(2):

The date upon which each period of accumulation and/or treatment begins must be clearly marked and visible for inspection on each hazardous waste container.

The facility failed to apply the date on two 55-gallon drums in the Manufacturing Area and two 55-gallon drums in Building A.

**This violation was abated during the inspection and no further response is required.**

9. Open Container, OAC rule 3745-66-73:

A container holding hazardous waste shall always be closed during storage, except when it is necessary to add or remove waste.

The facility failed to keep one 55-gallon drum closed in the Manufacturing Area.

**This violation was abated during the inspection and no further response is required.**

10. Inspections, OAC rule 3745-66-74:

The owner or operator must inspect area 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.

The facility failed to conduct and record container accumulation area inspections on a weekly basis. Currently, the facility has two hazardous waste storage areas which require inspections (Manufacturing Area and Building A).

**In order to abate this violation, the facility must submit a writing procedure which outlines how the facility will comply with this rule and submit two consecutive weeks of completed inspection logs.** An example inspection log was provided to you during the inspection.

A separate log must be completed for each hazardous waste storage area. The facility may benefit by converting the hazardous waste storage in the Manufacturing Area to satellite accumulation. A guidance document on satellite accumulation area requirements was provided to you during the inspection.

11. Comments:

- XIM recently completed an inventory which identified several containers of obsolete and off-specification products. The facility should immediately complete waste evaluation, label and date containers of hazardous waste, and dispose of any hazardous waste within 90 days. This procedure should also be followed when disposing of any sample retains.
- The following additional guidance documents were provided to you during the inspection: Generator requirements and generator recordkeeping requirements summary tables; universal waste summary table; LQG checklist, and a guidance document on fluorescent lamps.

Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) provides free compliance and pollution prevention assistance on environmental issues related to air, land and water. Should your facility be interested in receiving a free pollution prevention assessment in the future, please feel free to contact me or OCAPP. OCAPP may be contacted at: 800-329-7518 or <http://www.epa.state.oh.us/opp/ocapp.html>.

The Division of Hazardous Waste Management has created an electronic news service to provide you with quick and timely updates on events and news related to hazardous waste activities in Ohio. If you haven't already, we encourage you to sign-up for this free service. You can find more information at the following Web link <http://www.epa.state.oh.us/dhwm/listserv.html>. Please feel free to share this information with your colleagues.

XIM PRODUCTS, INC.  
JANUARY 22, 2007  
PAGE - 5 -

Enclosed you will find a copy of the checklists that we completed during the inspection. Should you have any question, please feel free to call me at (330) 963-1278. You can find copies of the rules and other information on the DHWM's web page at <http://www.epa.state.oh.us/dhwm>.

Sincerely,



Wade Balser  
District Representative  
Division of Hazardous Waste Management

WB:ddw

Enclosure

cc: Natalie Oryshkewych, DHWM, NEDO  
ec: Harry Sarvis, DHWM, CO

**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.

E-mail this completed form to <a href="mailto:tammy.mcconnell@epa.state.oh.us">tammy.mcconnell@epa.state.oh.us</a> or mail it to Tammy McConnell, Central Office	Ohio Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FORM		For Ohio EPA use only																
2. Site EPA ID No.	EPA ID Number: OHD 004 213 310																		
3. Site Name	Name: XIM Products, Inc.		Website (optional:)																
4. Site Location Information	Street Address: 1169 Bassett Rd																		
	City, Town, or Village: Westlake	State: OH																	
	County Name: Cuyahoga	Zip Code: 44145																	
5. Site Land Type (check only one)	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Private</td> <td>County</td> <td>District</td> <td>Federal</td> <td>Indian</td> <td>Municipal</td> <td>State</td> <td>Other</td> </tr> <tr> <td><input type="checkbox"/></td> </tr> </table>			Private	County	District	Federal	Indian	Municipal	State	Other	<input type="checkbox"/>							
Private	County	District	Federal	Indian	Municipal	State	Other												
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												
6. NAICS code(s) <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	A.		B.																
	C.		D.																
7. Facility Representative:  Additional names can be recorded in number 12.  Only provide address information if it is different than the site address.	First Name:		MI:																
	Last Name:		Phone Number Extension:																
	Phone Number:			E-Mail Address:															
	E-Mail Address:		Fax Number Extension:																
	Fax Number:			Street or P.O. Box:															
	Street or P.O. Box:			City, Town or Village:															
	City, Town or Village:		State:	Country: Zip Code:															
8. 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.	A. Name of Site's Legal Owner:		Date Became Owner (mm/dd/yyyy):																
	Owner Type: Mark with an X		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Private</td> <td>County</td> <td>District</td> <td>Federal</td> <td>Indian</td> <td>Municipal</td> <td>State</td> <td>Other</td> </tr> <tr> <td><input type="checkbox"/></td> </tr> </table>	Private	County	District	Federal	Indian	Municipal	State	Other	<input type="checkbox"/>							
	Private	County	District	Federal	Indian	Municipal	State	Other											
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
	Street or P.O. Box:			City, Town, or Village:															
	City, Town, or Village:		Owner Phone #:																
	State:		Country:	Zip Code:															
	B. Name of Site's Operator:		Date Became Operator (mm/dd/yyyy):																
	Operator Type: Mark with an X		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Private</td> <td>County</td> <td>District</td> <td>Federal</td> <td>Indian</td> <td>Municipal</td> <td>State</td> <td>Other</td> </tr> <tr> <td><input type="checkbox"/></td> </tr> </table>	Private	County	District	Federal	Indian	Municipal	State	Other	<input type="checkbox"/>							
	Private	County	District	Federal	Indian	Municipal	State	Other											
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												
Street or P.O. Box:			City, Town, or Village:																
City, Town, or Village:		Operator Phone #:																	
State:		Country:	Zip Code:																
9. Violations Cited?	<input type="checkbox"/> Yes	<input type="checkbox"/> No																	
10. Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes.)																			
<input type="checkbox"/> Not Regulated																			

10. Type of Regulated Waste Activity (Mark  in all of the appropriate boxes.)

**A. Hazardous Waste Activities**  
 (choose only one of the following categories)

<input type="checkbox"/>	<b>UNKNOWN:</b> Cited for violation of 3745-52-11	<input type="checkbox"/>	<b>3. Treater, Storer or Disposer of Hazardous Waste</b>
<input checked="" type="checkbox"/>	<b>a. Large Quantity Generator (LQG):</b>	<input type="checkbox"/>	<b>4. Recycler of Hazardous Waste</b>
<input type="checkbox"/>	<b>b. Small Quantity Generator (SQG)</b>	<input type="checkbox"/>	<b>5. Exempt Boiler and/or Industrial Furnace</b>
<input type="checkbox"/>	<b>c. Conditionally Exempt Small Quantity Generator</b>	<input type="checkbox"/>	a. Small Quantity On-site Burner Exemption
<input type="checkbox"/>	<b>d. United States Importer of Hazardous Waste</b>	<input type="checkbox"/>	b. Smelting, Melting, Refining Furnace Exemption
<input type="checkbox"/>	<b>e. Mixed Waste (hazardous and radioactive) Generator</b>	<input type="checkbox"/>	<b>6. Underground Injection Control Facility</b>

<p><b>B. Universal Waste Activities</b></p> <p><input checked="" type="checkbox"/> <b>1. Small Quantity Handler of Universal Waste</b>          (Indicate types of universal waste generated and/or accumulated (check all boxes that apply):</p> <p><input type="checkbox"/> <b>2. Large Quantity Handler of Universal Waste</b>          (accumulates 5,000 kg or more).</p> <p><input type="checkbox"/> <b>3. Destination Facility for Universal Waste</b>          (Check all boxes below that apply for each of the three types of facilities above.)</p> <table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Generated</u></td> <td style="text-align: center;"><u>Accumulated</u></td> </tr> <tr> <td>A. Batteries</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>B. Pesticides</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>C. Thermostats</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>D. Lamps</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>		<u>Generated</u>	<u>Accumulated</u>	A. Batteries	<input type="checkbox"/>	<input type="checkbox"/>	B. Pesticides	<input type="checkbox"/>	<input type="checkbox"/>	C. Thermostats	<input type="checkbox"/>	<input type="checkbox"/>	D. Lamps	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<p><b>C. Used Oil Activities</b></p> <p><input type="checkbox"/> <b>1. Used Oil Generator</b></p> <p><input type="checkbox"/> <b>2. Used Oil Transporter</b> Indicate Type(s) of Activity(ies)  <input type="checkbox"/> Transporter  <input type="checkbox"/> Transfer Facility</p> <p><input type="checkbox"/> <b>3. Used Oil Processor and/or Re-refiner</b>          Indicate Type(s) of Activity(ies)  <input type="checkbox"/> Processor  <input type="checkbox"/> Re-refiner</p> <p><input type="checkbox"/> <b>4. Off-Specification Used Oil Burner</b></p> <p><input type="checkbox"/> <b>5. Used Oil Fuel Marketer -</b>          Indicate Type(s) of Activity(ies)  <input type="checkbox"/> a. Marketer Who Directs Shipment of Off-Specification Oil  <input type="checkbox"/> b. Used Oil to Off-Specification Used Oil Burner</p>
	<u>Generated</u>	<u>Accumulated</u>														
A. Batteries	<input type="checkbox"/>	<input type="checkbox"/>														
B. Pesticides	<input type="checkbox"/>	<input type="checkbox"/>														
C. Thermostats	<input type="checkbox"/>	<input type="checkbox"/>														
D. Lamps	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														

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

--	--	--	--	--	--	--

**12. Comments:** Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.

No	Announced ?	Additional Facility Representatives:	
No	Tanks?	Other comments:	
Yes	Containers?		

13. Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/ Time (mm-dd-yyyy) (HH:MM)
Wade Balsler	Tom Roth	01-11-07 1010-1230

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

Signature of owner, operator, or an authorized representative	Name and Title (Print)	Date (mm-dd-yyyy)

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

CESQG: <100Kg. (Approximately 25-30 gallons) of waste in a calendar month.

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: Level D

**GENERAL REQUIREMENTS**

1. Have all wastes generated at the facility been adequately evaluated? [3745-52-11] Yes  No  N/A
2. Has the generator obtained a U.S. EPA identification number? [3745-52-12] Yes  No  N/A
3. Were annual reports filed with Ohio EPA on or before March 1<sup>st</sup>? [3745-52-41(A)] Yes  No  N/A
4. 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
5. 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

6. 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.

7. 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).

8. 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 3745-66-101 except 3745-66-97 (C) and 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.

9. 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

10. Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)] Yes  No  N/A

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 completed. [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 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)].

13. 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

14. 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 of the waste they generate.

15. 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

16. 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

17. 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

18. 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

19. Does the personnel training program include instructions to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)(a-f)] Yes  No  N/A

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

#### CONTINGENCY PLAN

25. 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
26. 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)]*

27. 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
28. 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

29. 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

30. 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

31. 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

32. 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? [3745-65-32(D)] Yes  No  N/A

*NOTE: Water adequate per facility representative.*

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

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

35. 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

36. 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

37. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes  No  N/A
38. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)] Yes  No  N/A
39. 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

40. 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 one quart of acutely hazardous waste at anyone time? [3745-52-34(C)(1)] Yes  No  N/A
- d. Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)] Yes  No  N/A
- e. Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)] Yes  No  N/A
41. 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
- c. Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)] 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

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

45. Is the container accumulation areas(s) inspected 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

46. 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

47. 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

48. 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

49. 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.

50. 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 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

51. 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

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

53. 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

## LDR REQUIREMENTS

1. Has the generator adequately evaluated all wastes to determine if they are restricted from land disposal? [3745-270-07(A)(1)] (possibly also cite 3745-52-11) **If so:** Yes  No  N/A  RMK#\_\_\_\_\_
- a. **For determinations based solely on knowledge of the waste:** Is supporting data retained on-site? [3745-270-07(A)(6)] Yes  No  N/A  RMK#\_\_\_\_\_
- b. **For determinations based upon analytical testing:** Is waste analysis data retained on-site? [3745-270-07(A)(6)] Yes  No  N/A  RMK#\_\_\_\_\_
2. Has the generator determined each EPA hazardous waste code applicable to the waste? [3745-270-07(A)(2) see Table 1] (possibly also cite 3745-52-11) Yes  No  N/A  RMK#\_\_\_\_\_
3. Has the generator determined the correct "treatability group(s)" (e.g., wastewater, non-wastewater, etc.)? [3745-270-07(A), Table 1] Yes  No  N/A  RMK#\_\_\_\_\_
4. Does the generator generate a characteristic hazardous waste? **If so:** Yes  No  N/A  RMK#\_\_\_\_\_
- a. Have all underlying hazardous constituents (UHCs) been identified? [3745-270-09(A)] Yes  No  N/A  RMK#\_\_\_\_\_

**NOTE:** *If the waste is D001 non-wastewater treated by CMBST, RORGS, POLYM in Table 1 of Rule 3745-270-42 UHCs do not need to be identified.*

5. Does the generator generate listed waste(s) which also exhibit hazardous characteristics? [3745-270-09] **If so:** Yes  No  N/A  RMK#\_\_\_\_\_
- a. Has the generator also identified the appropriate treatment standard(s) for the constituent(s) which cause the waste to exhibit a characteristic? [3745-270-09(A)] Yes  No  N/A  RMK#\_\_\_\_\_

**NOTE:** *The generator is not required to identify the treatment standard for the characteristic if the listing covers the associated characteristic (e.g., a F019/D007 hazardous waste - F019 being listed due to chromium content and D007 being the characteristic waste code for chromium). [See OAC Rule 3745-270-09(B)]*

6. Has the generator **correctly** determined if restricted wastes meet or do not meet treatment standards? [3745-270-07(A)(1)] Yes  No  N/A  RMK#\_\_\_\_\_

7. Does the owner/operator ensure that restricted wastes or treatment residues are not diluted as a method of achieving/circumventing LDR treatment standards? [3745-270-03] Yes  No  N/A  RMK#\_\_\_\_\_

**NOTE:** A generator may dilute a waste (that is hazardous only because it exhibits a characteristic) in a treatment system that discharges to waters of the State pursuant to an NPDES permit (§402 of CWA), that treats waste in a CWA equivalent treatment system, or that treats waste for the purposes of pre-treatment requirements under §307 of CWA, unless a method other than DEACT is specified or the waste is a D003 reactive cyanide wastewater or non-wastewater.[3745-270-03(B)]

8. Is combustion of any of the wastes identified in the Appendix to Rule 3745-270-03 occurring without meeting one or more of the criteria under Rule 3745-270-03(C) upon generation or after treatment? [3745-270-03(C)] Yes  No  N/A  RMK#\_\_\_\_\_

**Note:** In other words, is combustion a legitimate treatment method

9. Has the generator added iron to lead-containing hazardous waste in order to achieve LDR treatment standards for lead? [3745-270-03(D)] Yes  No  N/A  RMK#\_\_\_\_\_

10. Does the facility have a case-by-case extension to the effective date to land dispose of hazardous waste?[3745-270-05] **If so:** Yes  No  N/A  RMK#\_\_\_\_\_

a. The facility can dispose of hazardous waste in a on-site landfill or surface impoundment.[3745-270-05]

11. Does the facility have an extension to allow for a restricted waste to be land disposed?[3745-270-06] **If so:** Yes  No  N/A  RMK#\_\_\_\_\_

a. The facility can land dispose of the waste. [3745-270-06]

12. Does the facility treat wastes that are otherwise prohibited from land disposal, in a surface impoundment? **If so:** Yes  No  N/A  RMK#\_\_\_\_\_

a. Has the facility complied with 3745-270-04? Yes  No  N/A  RMK#\_\_\_\_\_

**REMARKS**

**NOTIFICATION AND CERTIFICATION REQUIREMENTS**

13. If a generator's waste or contaminated soil does not meet the treatment standards, does the generator have the paperwork required in Column A of Table 1? [3745-270-07(A)(2)] Yes  No  N/A  RMK# 1
14. If a generators' waste or contaminated soil meets the treatment standard at the original point of generation, does the generator have the paperwork required in Column B of Table 1? [3745-270-07(A)(3)] Yes  No  N/A  RMK#
15. If a generators' waste is exempt (under 3745-270-05, 3745-270-06, national capacity or case-by-case variance, etc.) does the generator have the paperwork required in Column C of Table 1? [3745-270-07(A)(4)] Yes  No  N/A  RMK#
16. If a generator manages a lab pack containing hazardous waste using the alternative treatment standard in 3745-270-42, does the generator have the paperwork required in Column D of Table 1? [3745-270-07(A)(9)] Yes  No  N/A  RMK#
17. Does the generator produce a waste that is hazardous waste from the point of generation, but subsequently excluded from regulation under OAC 3745-51-02 through 3745-51-06? [3745-270-07(A)(7)] **if so:** Yes  No  N/A  RMK#
- a. Is a one-time notice placed in the facility's file stating such generation, subsequent exclusion or exemption, and disposition of the wastes? [3745-270-07(A)(7)] Yes  No  N/A  RMK#

**NOTE:** *Examples include hazardous wastes discharged to a POTW or to a surface water under a NPDES permit. (See 270-07(A)(7))*

18. Does the generator retain on-site a copy of all notices, certifications, demonstrations and waste analysis data for at least three years from the last shipment of waste sent off-site? [3745-270-07(A)(8)] Yes  No  N/A  RMK#

**REMARKS**

1. Manifest Number was not listed on those reviewed - r'd from chemical solvents.

## PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: *XIM Products, Inc.*

Facility Type: *LOG*

Date of Inspection: *1/11/07*

EPA ID#: *OND 004 213 310*

### 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	<i>Mix Tank Cleaning (Solvent Base)</i>	<i>Spent Solvent D001 D005 F003 F005</i>	<i>Avg ~ 2800 P/M</i>	<i>NA</i>	<i>Chemical Solvents</i>	<i>Solvent Re-use</i>	<i>Solvent Recycling</i>
2	<i>Mix Tank Cleaning (H<sub>2</sub>O-BASE)</i>	<i>Waste Water</i>	<i>Avg ~ 2800 P/M</i>	<i>NA</i>	<i>Chemical Solvents</i>	<i>NA</i>	<i>Filter → TOTW</i>
3	<i>TANK Cleaning Process</i>	<i>Spent Rags (Tool) Spent Filters</i>	<i>unknown</i>	<i>NA</i>	<i>TBD - evaluate</i>	<i>NA - spent Re-use As applic.</i>	<i>Commercial off-site Laundry</i>
4	<i>Lights</i>	<i>Universal Waste</i>	<i>unknown</i>	<i>NA</i>	<i>Chemical Solvents</i>	<i>NA</i>	<i>-</i>
5	<i>Yearly Inventory</i>	<i>obsolete prod. off-spec mat. hw &amp; Non-hw</i>	<i>unknown / varies</i>	<i>NA</i>	<i>Chemical Solvents</i>	<i>Re-work</i>	<i>-</i>
6	<i>Dust Collector</i>	<i>non-hw Dust</i>	<i>55g/yr</i>	<i>NA</i>	<i>solid waste</i>	<i>-</i>	<i>-</i>
7	<i>Used oil Compressor</i>	<i>used oil</i>	<i>&lt; 5g/yr</i>	<i>NA</i>	<i>Chemical Solvents</i>	<i>-</i>	<i>-</i>
8							

**REMARKS-GENERAL INFORMATION**

General Process Information:

*See Field Notes*

Regulatory/Enforcement History (if applicable):

*LAST CEI conducted 2000-2001*

Additional P2 remarks and information:

Would this facility be interested in a P2 assessment? Yes\*

*TBD*

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](mailto:p2mail@epa.state.oh.us) or [www.epa.state.oh.us/ocapp/ocapp.html](http://www.epa.state.oh.us/ocapp/ocapp.html)

Other: