



State of Ohio Environmental Protection Agency

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Southwest District Office

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Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-6249
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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korieski, Director

February 4, 2009

Re: Senco Products, Inc.
Small Quantity Generator

OHD 004 251 070
PLANT #1

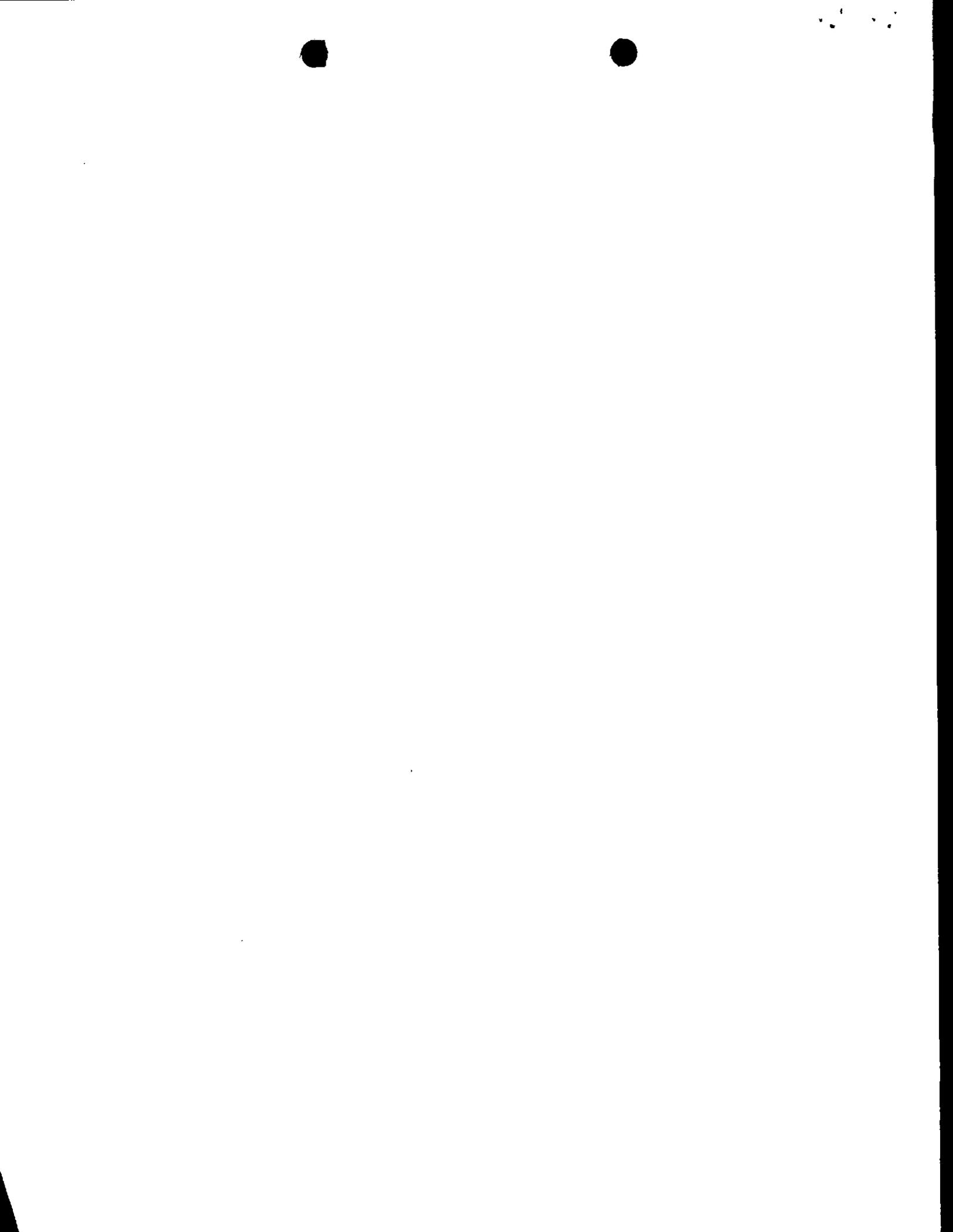
Mr. Robert J. Schmidt
Manager of Environmental Affairs & Insurance
Senco Products, Inc.
8485 Broadwell Road
Cincinnati, Ohio 45244

Certified Mail

Dear Mr. Schmidt:

On January 22, 2009, Ohio EPA conducted a compliance evaluation inspection (CEI) of Senco Products, Inc., located in Cincinnati, Ohio. As is our practice, my inspection was unannounced. The inspection was conducted to determine your 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). You represented Senco Products and I represented Ohio EPA. Ohio EPA's CEI included an inspection of the facility operations and a review of written documentation and records. This letter will explain the violations I found, what you need to do to correct the violations, other general concerns I have, and some general pollution prevention information.

Senco Products currently operates one plant on 8450 Broadwell Road (Plant #2, EPA ID Number OHT 400 012 050). This plant produces fasteners (staples and nails). Plant #2 operates as a small quantity generator of hazardous waste. The manufacturing process consists of drawing steel wire to the correct diameter and then either producing staples or nails for use in pneumatic/electric nail or staple guns. The staples are held together with an adhesive glue, which as a waste is hazardous. The nails are bound together with tape. Both the nails and the staples are also coated with a material which acts as a lubricant when driven into the wood and an adhesive bond upon cooling. A second plant located at 8485 Broadwell Road (Plant #1, EPA ID Number OHD 004 251 070) did produce hand power tools for fastener applications. During April 2008 the building was sold and plant operations later ceased during January 2009. The corporate offices remain located at Plant #1, however, during April 2009, the offices will be relocated to the Eastgate area.



A. NOTICE OF VIOLATIONS

I found the following violations of Ohio's hazardous waste laws. In order to correct these violations you must do the following and send me the required information **within 30 days** of your receipt of this letter:

1. ORC 3734.02 (E) and (F), OAC 3745-52-34, Treatment, Storage, Disposal:

No person shall establish or operate a hazardous waste facility for the storage of hazardous waste without a hazardous waste facility installation and operation permit. Additionally, a small quantity generator may accumulate, for 180 days or less, hazardous waste that is generated on-site without an Ohio hazardous waste permit.

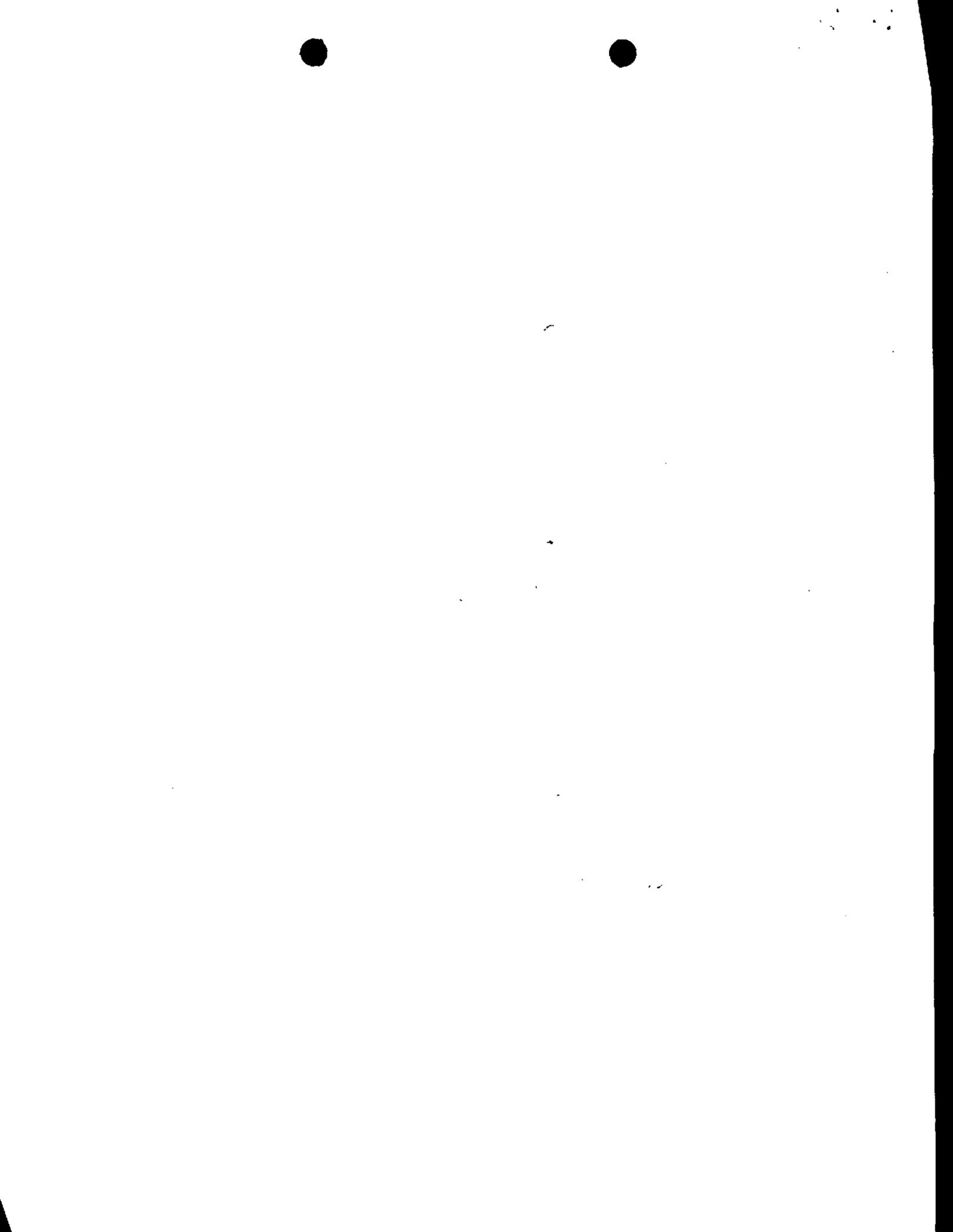
An inspection of the Glue House revealed Senco accumulated hazardous waste in excess of 180 days. The following two containers labeled as "Hazardous Waste" were being stored in the Glue House for greater than 180 days:

- 55 gallon red steel drum labeled "used shipshape", accumulation start date March 19, 2008, and
- 55 gallon steel blue/red drum labeled "mineral spirits glue", accumulation start date June 18, 2008.

The containers were in good condition and no leakage/spillage was evident in the area in which the containers were being stored. However, Senco stored hazardous waste without a hazardous waste installation and operation permit or a permit by rule, in violation of ORC §3734.02 (E) and (F) and OAC 3745-52-34.

Senco must immediately cease on-site storage of hazardous waste, ensure that hazardous wastes are not accumulated for greater than 180 days, and manage hazardous waste generated in accordance with ORC Chapter 3734, and the applicable hazardous waste regulations in OAC Chapter 3745.

In order to demonstrate abatement of this violation, all containers stored greater than 180 days must be immediately removed from the site and documentation confirming that the waste has been removed and appropriately disposed of must be submitted to this office for review. This documentation must include a copy of the manifest(s) which accompanied the shipment(s) of waste off-site. In addition, please submit documentation which outlines the procedures that will be implemented by Senco to ensure that storage longer than 180 days will not reoccur.



Also, note that should Senco fail to ensure immediate removal of this waste from its facility and appropriate disposal at a permitted hazardous waste facility, closure of the storage area in accordance with the closure requirements of OAC rules 3745-55-10 through 3745-55-20 including submittal and implementation of a closure plan may be required. Senco also remains subject to compliance with all applicable TSD (treatment, storage, disposal) standards as set forth in OAC Chapters 3745-54-01 through 3745-54-69 until such time as the company has demonstrated that it has ceased operation as a hazardous waste storage facility.

2. OAC 3745-52-34 (A)(2), Accumulation time of hazardous waste:

A generator may for 180 days or less accumulate hazardous waste that is generated on-site without an Ohio hazardous waste permit provided the date upon which each period of accumulation begins is clearly marked and visible for inspection on each container.

Within the Glue House a 55 gallon black steel drum and a 55 gallon black/red steel drum were being stored without the accumulation start date. Senco failed to mark the accumulation start date on these two drums, in violation of OAC 3745-52-34 (A)(2).

To abate this violation, Senco must immediately mark the two drums of hazardous waste with the accumulation start date and manage all containers in accordance with OAC 3745-52-34. Provide documentation confirming that the two drums have been marked with the accumulation start date to this office for review.

3. OAC 3745-52-34 (C)(1)(b), Accumulation time of hazardous waste:

Hazardous waste satellite accumulation containers must be marked with the words "Hazardous Waste" or other words that identify the contents of the containers.

Within the fine wire area of the plant there was one unmarked 55 gallon satellite drum of waste adhesive. The satellite drum was not labeled with the words "Hazardous Waste" or with other words that identified the contents of the drum. Senco failed to mark its satellite container with the words "Hazardous Waste" or with words that identified the contents of the drum, in violation of OAC 3745-52-34 (C)(1)(b).

To abate this violation, Senco must immediately mark all satellite accumulation containers with the words "Hazardous Waste" or with other words that identify the contents of the containers, and manage satellite accumulation containers in accordance with OAC 3745-54-34 (C). Please send documentation that this violation has been abated.

4. OAC 3745-65-33, Testing and maintenance of equipment:

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

During the inspection, a copy of an inspection log or summary confirming that all emergency equipment has been tested and maintained as necessary to assure proper operation in time of emergency was not available, in violation of OAC 3745-65-33.

To abate this violation, Senco must immediately provide an inspection log or summary confirming that all emergency equipment has been tested and maintained as necessary to assure proper operation in time of emergency.

5. OAC 3745-52-11, Hazardous waste determination:

Any person who generates a waste must evaluate the waste to determine if the waste is a hazardous waste in accordance with the criteria set forth in OAC Chapter 3745-51.

During the inspection, a plastic waste container located in Plant #1 containing several 4' florescent lamps was identified. According to you, the waste container contained both usable lamps and waste lamps. Senco failed to properly characterize the waste lamps, in violation of OAC 3745-52-11.

To return to compliance, Senco must inventory and characterize the waste lamps. Please provide this office with a copy of the inventory and results from the waste characterization.

Ohio EPA encourages and promotes lamp recycling. Most lamps contain heavy metals such as mercury, lead and cadmium and therefore may be considered hazardous waste when disposed. If Senco chooses to dispose of its lamps, Senco must evaluate them in accordance with OAC 3745-52-11 to determine if



they are hazardous. All hazardous waste lamps destined for disposal must be sent to a permitted hazardous waste facility and cannot be disposed of in a solid waste landfill. Senco has the option of handling their hazardous waste lamps under Ohio's hazardous waste regulation or under Ohio's universal waste rules. If you choose to handle your hazardous waste lamps in accordance with Ohio's hazardous waste regulations, they must comply with all applicable hazardous waste rules which can include on-site storage requirements, manifesting, land disposal restrictions (LDR) determination (if the lamps will be land disposed) and use of a hazardous waste transporter to ensure delivery to a permitted hazardous waste facility. Handling hazardous waste lamps as a universal waste under the universal waste rules, however, can reduce the extent of the regulatory requirements that you would otherwise comply with. If Senco manages its lamps as a universal waste, they must:

- package the lamps in a manner that minimizes breakage and the containers must be designed to contain potential releases due to breakage (this could be the same packaging in which new lamps are shipped from the manufacturer);
- mark the universal waste lamps or their containers with the words "Universal Waste Lamp(s)," "Waste Lamp(s)" or "Used Lamp(s);"
- date the containers with the date they were generated; and
- ensure delivery of the lamps to another universal waste handler or a permitted destination facility.

For more information on how to properly manage hazardous waste lamps, see Ohio's universal waste rules: http://www.epa.state.oh.us/dhwm/l_ruwm.html, and the attached guidance document, "Universal Waste Rules for Handlers of Lamps." A copy of this document can be found at our website:

http://www.epa.state.oh.us/dhwm/pdf/Universal_Waste_Rules_for_Handlers_of_Lamps.pdf.

B. GENERAL COMMENTS

1. Generator Closure

Given the fact that Plant #1 (OHD 004 251 070) located at 8485 Broadwell Road ceased operation during January 2009, we would like to remind you that as a



previous large quantity generator (LQG) Senco is required to complete generator closure of its hazardous waste accumulation areas (i.e. hazardous waste 90 day accumulation areas, tank storage units, etc. – this does not include satellite accumulation areas). If hazardous waste was stored in a tank, the generator must meet the closure performance standards in OAC Rule 3745-66-97 (except paragraph C) for that storage unit.

Generator closure of hazardous waste accumulation areas is only a requirement for LQGs. If the business in question is or was a LQG and they are closing their facility, OAC Rule 3745-52-34 requires that the generator meet the closure performance standard of OAC Rule 3745-66-11, as well as the applicable disposal or decontamination requirements of OAC Rule 3745-66-14. Senco Plant #1 is subject to generator closure because in the past it had been a LQG. OAC Rule 3745-52-34 specifically exempts certain generators from the rule requirements regarding time allowed for closure, having a written closure plan, certification of closure, cost estimates for closure, and financial assurance for closure. Further, OAC Rule 3745-52-34 does not impose an obligation or duty on Ohio EPA to approve the closure measures either before or after the generator closure activity takes place. The generator closure is self-implementing. Generators should be aware of the closure performance standard, the requirements of OAC Rule 3745-52-34 and make a good faith effort to meet that standard. Ohio EPA's guidance document on meeting the closure requirements for generators is (see Chapter 1, Section 1.10 of the Closure Plan Review Guidance (CPRG) for generator closure requirements) available on our web page at: <http://www.epa.state.oh.us/dhwm/cprg.html>.

2. Cessation of Regulated Operations (CRO)

Certain generators who treat or store hazardous waste are subject to closure, but when a generator handles other regulated materials, they may be subject to the CRO Rule under OAC Rule 3745-352. Again, given the fact that you have ceased operations at Senco Plant #1, we want to make you aware of Ohio's CRO laws, OAC Chapter 3745-352. Under Ohio's CRO laws, companies that are required to submit annual hazardous chemical reports to the State Emergency Response Commission are also required when regulated operations cease, to secure the facility until all regulated substances are properly removed. Please refer to the attached Ohio EPA guidance document, "Cessation of Regulated Operations (CRO) Program." A copy of this guidance document was left with you during the inspection, however, a copy of this document is available on our web page at:



http://www.epa.state.oh.us/dhwm/cro/CRO_Manual.pdf

A complete explanation of the CRO laws and additional CRO information can be found on Ohio EPA's web page at:

http://www.epa.state.oh.us/dhwm/cro/CRO_Manual.pdf

3. Reuse of Materials

During the inspection, two containers were identified in the Glue House. One container was a stainless steel tote containing an "Off-Spec Adhesive ST-2235." The other container was a 55 gallon black steel drum containing "old paint." You indicated that the adhesive would be sent back to the vendor where it can be recycled into a usable product and the paint would be sent to someone who can use it. To assist Ohio EPA in determining if these two containers are subject to Ohio's hazardous waste rules, please supply information to the following questions:

- How long has this material been stored at the facility?
- Where do you plan to send the material?
- When do you plan to send the material?

4. EPA ID Number

A US EPA ID Number is site-specific. The EPA ID Number associated with Plant #1 is OHD 004 251 070 and Plant #2 is OHT 400 012 050. During the inspection, you indicated that Plant #1 had ceased operation during January 2009 and Senco would be out of the building by April 1, 2009, therefore, as a notifier of regulated waste activity, please send a letter, on your company's letterhead, requesting to deactivate the existing ID number for the Senco Plant #1 facility, once it is no longer needed. Please send the letter to Kristina Durnell in our Central Office at Ohio EPA, Lazarus Government Center, 122 South Front Street, Columbus, Ohio 43215.

Note that the Ohio EPA interpretation is; if there is an ownership change, the new owner cannot use the existing EPA ID Number that is associated with that address until they contact the Ohio EPA. If you have additional questions regarding your EPA ID Number, then please refer to the instructions which can be found online at: www.epa.state.oh.us/dhwm/notiform.html.



5. Pollution Prevention

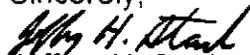
As we discussed during the inspection, you may be able to reduce the waste your company generates. If you find ways to recycle, reduce or eliminate the amount of waste that your company generates you may be able to reduce treatment and disposal costs as well as regulatory requirements.

If you would like a free, non-regulatory on-site pollution prevention assessment or if you would like more information about pollution prevention, please contact me at (937) 285-6456. Ohio EPA has helpful information about this at the following web address: <http://www.epa.state.oh.us/ocapp/ocapp/>.

Enclosed you will find a copy of the checklists that we completed as a result of the inspection. Should you have any questions, please feel free to call me at (937) 285-6456. You can find copies of the rules and other information on the division's web page at: <http://www.epa.state.oh.us/dhwm/>.

Please submit documentation demonstrating violations #A1, #A2, #A3, #A4, and #A5 have been abated, e.g., cover letter, copies of relevant letters and procedures, photographs, manifests, inspection logs, etc., to Southwest District Office within 30 days of the date of this letter. Also, within 30 days of this letter provide information to general comment #B3 concerning the off-spec adhesive and old paint. Enclosed you will find copies of the checklists that I completed during the inspection. Should you have any questions, please feel free to call me at (937) 285-6456. You can find a copy of the rules and other information on the division's web page at: <http://www.epa.state.oh.us/dhwm/>.

Sincerely,


Jeffery H. Stark

District Representative
Division of Hazardous Waste Management

Enclosures

cc: Dinah Crawford, SWDO-DHWM/SWDO, File

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.



PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Senco Products, Inc.

Facility Type: SQG

Date of Inspection: 01/22/2009

EPA ID#: OHT 400 012 050

Description of Waste

On-Site Management

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/Storage (e.g. container, tank, etc)	Type of On-Site Treatment (recycle, wwt, etc)	Waste Location (include map if possible)	Name, state, and type of activity occurring at the facility.	P2 Activities
1	Waste nail glue, line cleaning, and waste coating from the production of nails and staples	Approx. 33 lbs per month	Container	None	SAA & Glue House	Veolia ES Technical Solutions, West Carrollton, OH	
2	Off-spec glues	Approx. 435 lbs per month	Container	None	SAA & Glue House	Veolia ES Technical Solutions, West Carrollton, OH	
3	Coolants, hydraulic fluids, and lubricants	Varies	Container	None	Glue House	First Recovery Cincinnati, OH United Cincinnati, OH	Used oil is recycled off-site
4	Lighting	Varies	Container	None	Machine Shop in Plant #1	TBD	TBD
5	Tank cleanout (infrequent occurrence)	2594 lbs per month in 2006	Container	None		Clean Waters, Dayton, OH	
6	Off-spec acid (infrequent occurrence)	261 lbs per month in 2002	Container	None		Rineco Chemical, Benton, AK	



**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 type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> N/A <input 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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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"/>
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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: [3745-52-0(E)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Does the contractual agreement specify the type of waste and frequency of shipment?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is the transport vehicle owned and operated by the reclaimer?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>



	c.	Portable fire control, spill control and decon equipment? [3745-65-32(C)]?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	d.	Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
23.		Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	a.	Are inspections recorded in a log or summary? [3745-65-33]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
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 OAC 3745-65-32)? [3745-65-34(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
26.		Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
27.		Has the generator attempted to familiarize emergency authorities with possible hazards and facility layout? [3745-65-37(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
28.		Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	b.	Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	c.	Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	d.	Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	e.	Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	f.	Containers are marked with the words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
30.		Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>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.</p>						
USE AND MANAGEMENT OF CONTAINERS						
31.		Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(D)(4)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
32.		Is the accumulation date on each container? [3745-52-34(D)(4)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>



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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
2.	Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in 3745-273-17 or managing specific wastes as provided in 3745-273-13? [3745-273-11(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
4.	If batteries are contained, are the containers closed and structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
5.	Does the SQUWH conduct any of the following activities:	
a.	Sort batteries by type?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Mix battery types in one container?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Discharge batteries to remove the electric charge?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Regenerated used batteries?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
e.	Disassemble them into individual batteries or cells?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
f.	Remove batteries from consumer products?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
g.	Remove the electrolyte from the battery?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6.	If the electrolyte is removed or other waste generated, has it been determined whether it is a hazardous waste? [3745-273-13(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	If the electrolyte or other waste is characteristic, is it managed in compliance with 3745-50 through 3745-69? [3745-273-13(A)(3)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-13(A)(3)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
7.	Are the battery(ies) of container(s) of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-14(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
UNIVERSAL WASTE LAMPS		
8.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and are compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
9.	Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage spillage or damage that could cause leakage or	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>



NOTE: SQUWHs are prohibited ... 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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
19.	Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Agree to where the shipment will be sent? [3745-273-18(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
21.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss one of the following:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Sending the waste back to the originating handler? [3745-273-18(F)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Sending the shipment to a destination facility? (If both the originating and receiving handler agree) [3745-273-18(F)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
22.	If the handler received a shipment of hazardous waste that was not universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
23.	If the handler received a shipment of nonhazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-18(H)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
EXPORTS		
24.	Is waste being sent to a foreign destination? If so:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Does the small quantity handler comply with primary exporter requirements in OAC 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is waste exported only upon consent of the receiving country and in conformance with U.S. EPA's "Acknowledgment of Consent" as defined in 3745-52-50 to -52-57? [3745-273-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Is a copy of U.S. EPA's "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>



**USED OIL INSPECTION CHECKLIST
GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS**

NOTE: A facility is subject to the federal SPCC regulations (40 CFR 112) if it is non-transportation related (e.g., fixed) and has an aggregate above ground storage capacity greater than 1,320 gallons or a total underground storage capacity greater than 42,000 gallons of oil (including used oil), and there is reasonable expectation of a discharge to navigable waters.

PROHIBITIONS

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

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

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

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

GENERATOR STANDARDS

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

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

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

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

ON-SITE BURNING IN SPACE HEATER

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



**GENERATOR LDR CHECKLIST
DOES NOT APPLY TO CESQGS**

GENERAL REQUIREMENTS

- | | | |
|----|--|--|
| 1. | If LDRs do not apply, does the generator have a statement that lists how the HW was generated, why LDRs don't apply and where the HW went? [3745-270-07 (A)(7)] | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| 2. | Did the generator determine if the HW/soil must be treated to meet the LDR treatment standard prior to disposal? Generator knowledge or testing may be used. [3745-270-07(A)(1)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

NOTE: This is done by determining if the HW /soil contains levels of constituents greater than the levels given in its LDR treatment standard in 3745-270-40. However, if a specific treatment method is given in 3745-270-40 for the HW, no determination is required [3745-270-07 (A)(1)(b)]. If soil, generator can choose to have soil treated to LDR levels given in 3745-270-49 (alternative treatment levels for soils).

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| 3. | Does the generator have documentation of how he determined whether the HW/soil meets or does not meet the LDR treatment standard in 2, above? [3745-270-07(A)(6)(a) or 3745-270-07(A)(6)(b)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 4. | Does the generator keep the documentation required in #2, above, on-site for at least three years from the last date the HW/soil was sent on-site/off-site for treatment/disposal? [3745-270-07(A)(8)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 5. | Does the generator generate a listed HW that exhibits a characteristic? If yes, | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| a. | Did the generator determine if the listed HW exhibits a characteristic that is not treated under the LDR treatment standard for the listed HW? [3745-270-09(A)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

FOR EXAMPLE: F006 that exhibits the characteristic for silver or K062 that is corrosive, D002. Review LDR treatment standard in 3745-270-40 to determine what constituents the listed HW is treated for.

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|----|---|--|
| 6. | Did the generator determine if its characteristic HW contains underlying hazardous constituents that need to be treated? [3745-270-09(A)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
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NOTE: This is done by evaluating which underlying hazardous constituents (UHC) are in the HW at levels above the universal treatment standards given in 3745-270-48. This requirement does not apply to high total organic carbon (i.e., contains >10% TOC) D001 wastes or listed HWs.

NOTE: Written documentation of this determination is not required.

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| 7. | Did the generator treat his HW /soil on-site <u>to meet</u> the LDR treatment standard? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
|----|---|--|

NOTE If "Yes" see question #16.

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|-----|--|--|
| 8. | Did the generator send a one-time LDR notification form to the TSD with the first shipment to that facility?[3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 9. | Did the generator resubmit the LDR notification form to the TSD when the HW changed or the generator used a new TSD? [3745-270-07(A)(2)] | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| 10. | Does the generator have a copy of the LDR notification form on file?[3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| a. | Is the form kept on file for three years after last HW shipped? [3745-270-07(A)(8)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

NOTIFICATION FORM

- | | | |
|-----|---|--|
| 11. | Does the LDR Notification form contain the following information: | |
| a. | Manifest number of the first waste shipment to the TSD?[3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| b. | Applicable waste codes (includes characteristic codes for a listed HW if applicable)? [3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| c. | A statement that conveys that the HW is subject to LDRs and must be treated to meet LDR treatment requirements? [3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| d. | A designation whether the HW is a wastewater or non-wastewater? [3745-270-07(A)(2)]. | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |



GENERATOR TREATMENT			
16.	Does the generator treat to meet LDRs on-site [3745-270-40(A)]?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	
	Did the generator treat his hazardous waste/soil on-site in a tank, container, drip pad or containment building to meet the LDR treatment standard?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	
	If "Yes"...complete the rest of the checklist. If "No"...stop...you are done.		
a.	Does the generator have a written waste analysis plan (WAP) that describes the procedures he will follow to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
b.	Did the generator use a detailed chemical and physical analysis of the HW/soil in order to develop the WAP? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>	
NOTE: This is a laboratory analysis but it does not have to be kept by the generator.			
c.	Does the WAP contain all information necessary to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
d.	Does the WAP include the testing frequency of the treated HW/soil to demonstrate that the LDR treatment standard is being met? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
e.	Does the generator keep the WAP on-site? [3745-270-07(A)(5)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
f.	Is the WAP available for the inspector=s review during the inspection? [3745-270-07(A)(5)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
NOTIFICATION FORM			
17.	a.	Contains all information in #11 a-g above and	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	If the treated HW/soil is listed.....notification contains the following certification statement: "I certify under penalty of law that I personally have examined and am familiar with the waste, through analysis and testing or trough knowledge of the waste, to support this certification that the waste complies with the treatment stands specified in rule 3745-270-40 to 3745-270-49 of the Administrative Code. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	If the treated HW/soil no longer exhibits a characteristic and is no longer a HW, did the generator:	
	i.	Send a one-time notification to the director?[3745-270-09(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	ii.	Maintain a copy of the notice onsite?[3745-270-09(D)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii.	Include in the notification: [3745-270-09(D)(1)(a)]	
	1.	Name & address of receiving landfill?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	2.	Description of HW when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	3.	HW code when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	4.	Treatability group when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	5.	Underlying hazardous constituents present when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iv.	Contain the right certification statement as required by 3745-70-07(b)(4)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

