



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

March 31, 2010

RE: CAST NYLONS  
OHD 987 007 531  
NOTICE OF VIOLATION

Joseph Vitanza  
Cast Nylons  
4300 Hamann Parkway  
Willoughby, OH 44094

Dear Mr. Vitanza:

The Ohio EPA's Division of Hazardous Waste Management conducted an inspection of Cast Nylons located at 4300 Hamann Pkwy, Willoughby, Ohio, on March 15, 2010. One purpose of this was to determine if Cast Nylons was in compliance with Ohio's hazardous waste and used oil laws as found in Chapter 3734 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC). Please see the attached Process and Waste Summary chart for my understanding of this facility's operations.

The following violations were found:

1. OAC rule 3745-52-11 – Hazardous waste determination.  
This rule requires that any person who generates a waste must determine if that waste is a hazardous waste. The following document, which gives more information on this, was given to you during the inspection:  
[Identifying Your Hazardous Waste, 2006](http://www.epa.ohio.gov/portals/41/sb/publications/identifyingwaste.pdf)  
<http://www.epa.ohio.gov/portals/41/sb/publications/identifyingwaste.pdf>

Cast Nylons violated this rule by disposing of waste lamps (including fluorescent lamps) with regular trash without determining whether or not they are a hazardous waste. Fluorescent and some other types of lamps contain mercury and may contain other hazardous metals. When burned out they may be a hazardous waste. If you choose to gather data to make this determination, it will need to be done for each type of fluorescent lamp you use. As an alternative to determining whether your particular waste lamps are hazardous waste, you may wish to manage them as universal waste. In general, this would involve saving the waste lamps in a properly labeled and closed container (such as a cardboard box) and having them picked up by a lamp recycler.

The following document was given to you during the inspection:  
[Ohio's Universal Waste Rules: Are You Handling Used Lamps Correctly?, 2008](http://www.epa.ohio.gov/portals/41/sb/publications/Lampcompliancechecklist.pdf)  
<http://www.epa.ohio.gov/portals/41/sb/publications/Lampcompliancechecklist.pdf>  
Also local lamp recycling companies are listed in the following document which was given to you during the inspection:  
[Waste Disposal and Recycling Companies in Northeast Ohio, 2009](#)



**Please send me a description of how you will now properly manage waste lamps.**

2. OAC rule 3745-279-22(C) - Used oil labels.  
This rule requires containers and aboveground tanks for used oil to be labeled or marked clearly with the words "Used Oil".

Cast Nylons violated this rule by having containers of used oil that were labeled as waste oil. You corrected this during the inspection.

Five containers were seen stored outside. You said you will confirm that the material in these containers will be used. **Please send me the results of your investigation into this.**

The following additional documents were given to you during the inspection:

Onsite Pollution Prevention Assistance

<http://epa.ohio.gov/portals/41/p2/P2OnsiteBrochure.pdf>

E4S Sustainable Business to Business Directory

[http://www.e4s.org/content/resource\\_energy\\_efficiency.asp](http://www.e4s.org/content/resource_energy_efficiency.asp)

Midwest Combined Heat and Power Application Center

<http://www.chpcentermw.org/home.html>

Identifying Your Hazardous Waste, 2006

<http://www.epa.ohio.gov/portals/41/sb/publications/identifyingwaste.pdf>

Overview for Ohio Businesses Who Generate Used Oil, 2006

<http://www.epa.ohio.gov/LinkClick.aspx?fileticket=XEg%2fu%2bpZGaM%3d&tabid=3923>

Registered Used Oil Transporters in Northeast Ohio, 2008

Pollution Prevention Opportunities, 2003

<http://epa.ohio.gov/portals/32/pdf/P2OppsGeneral.pdf>

Pollution Prevention (P2) Opportunities: Easy to Implement P2, 2009

<http://epaintra.epa.state.oh.us/dhwm/p2/EasytoImplementP28242006.pdf>

Sustainable/Green Business Toolkit

<http://epa.ohio.gov/LinkClick.aspx?fileticket=6PhtW3qaSyk%3d&tabid=2668>

Other information and suggestions:

- Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) provides compliance and pollution prevention assistance on environmental issues (including sources of funding) related to air, land, and water. They can be contacted at 800-329-7518 or <http://www.epa.ohio.gov/Default.aspx?alias=www.epa.ohio.gov/ocapp>
- Entrepreneurs for Sustainability is a group that seeks to "build a sustainable regional economy in Northeast Ohio that will create prosperity and total community health." They offer workshops, conferences, a business to business directory and more. Their website is at <http://www.e4s.org/content/index.asp>

- ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency. Their website is at: <http://www.energystar.gov/>
- The Clean Air Resource Center offers help in understanding EPA air quality requirements. In addition, if your business is required to purchase new equipment, they can offer better-cost financing with special tax incentives. Their phone number is 800-225-5051 and website is <http://www.ohioairquality.org/>

You can find copies of the regulations and other information on the Division of Hazardous Waste Management web page at <http://epa.ohio.gov/dhwm>.

If you have any questions, please contact me at (330) 963-1217 or [robert.almquist@epa.state.oh.us](mailto:robert.almquist@epa.state.oh.us)

Sincerely,



Robert Almquist  
Division of Hazardous Waste Management

RA:ddw

Enclosures

cc: Marlene Kinney, DHWM, NEDO  
ec: Frank Popotnik, DHWM, NEDO  
Harry Sarvis, DHWM, CO  
Natalie Oryshkewych, DHWM, NEDO

Notice: Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your facility from its obligation to comply with all applicable regulations.

Send to Central Office

Ohio Environmental Protection Agency

For Ohio EPA use only

RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FORM

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

Site EPA ID No. EPA ID Number: OHD 987 007 531
Site Name Name: Cast Nylons Website: (Optional)
Site Location Information Street Address: 4300 Hamman Pkwy
City, Town, or Village: Willoughby State: OH
County Name: Lake Zip Code: 44094
Site Land Type (check only one) Private County District Federal Indian Municipal State Other
NAICS code(s) www.census.gov/epcd/www/naics.html

Facility Representative First Name: Joseph MI: J Last Name: Vitanza
Title: Industrial Engineer
Additional names can be recorded in number 12 Phone Number: 440-497-5377 Phone Number Extension:
Only provide address information if it is different than the site address E-Mail Address: jvitanza@castnylon.com
Fax Number: 440-269-2323 Fax Number Extension:
Street or P.O. Box:
City, Town or Village:
State: Zip Code:

Legal Owner And Operator of the Site. Name of Site's Legal Owner: Jest Limited Partnership Date Became Owner (mm/dd/yyyy): 02/14/1992
List Additional Owners and/or Operators in the Comment Section or on another copy of this form page Owner Private County District Federal Indian Municipal State Other
Type: Private County District Federal Indian Municipal State Other
Street or P.O. Box: 4300 Hamann Pkwy Owner Phone #: 440-269-2300
City, Town or Village: Willoughby Country: USA Zip Code: 44094
State: OH
Name of Site's Operator: Cast Nylons Date Became Operator (mm/dd/yyyy): 02/14/1992
Operator Private County District Federal Indian Municipal State Other
Type: Private County District Federal Indian Municipal State Other
Street or P.O. Box: same Operator Phone #:
City, Town or Village: Country Zip Code:
State:

VIOLATIONS CITED? [X] Yes [ ] No

TYPE OF HANDLER - MARK "X" AS APPROPRIATE

[X] Not a HW Generator [ ] UNKNOWN: Cited for violation of 3745-52-11 [ ] Large Quantity Generator (LQG)
[ ] Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). Check the box for the applicable generator status and provide a comment. [ ] Small Quantity Generator (SQG)
[ ] Conditionally Exempt Small Quantity Generator
[ ] U.S. Importer of Hazardous Waste
[ ] Mixed Waste (Hazardous and Radioactive) Generator



Process and Waste Summary for:				
Cast Nylons, OHD 987 007 531, CESQG, 3-15-10 inspection				
#	Process generating the waste	Waste details	On-site management	Off-site management
1	Lighting	Waste fluorescent lamps	Outside trash dumpster	Picked up as regular trash (solid waste)
2	Machines	Used hydraulic oil	Stored in drums inside	Shipped to Everclear, Austintown, OH. Lastshipped 275 gallons on 7-28-08
3	Cast nylon production	Trim scrap		Shipped to Gateway Recycling, Cleveland, OH
4	Cleanout of machines used in cast nylon production	E-Caprolactam used for flush out		Shipped to Gateway Recycling, Cleveland, OH
5		Cardboard, plastics, and paper		Shipped out for recycling
6				

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

CESQG: ≤100Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.  
 SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.  
 LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.  
 NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

**WASTE EVALUATION**

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"/>
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**GENERATOR CLASSIFICATION**

2.	Does the generator produce <100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: If quantities of hazardous waste accumulated on-site at any one time exceed 1,000 Kg. - or the generator produces between 100 and 1,000 Kg. of hazardous waste per month, it is operating as a Small Quantity Generator ("SQG"). If so, complete the Small Quantity Generator Requirements checklist.

**OFF-SITE SHIPMENT OF HAZARDOUS WASTE**

3.	Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3734.02(F)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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**TREATMENT OF HAZARDOUS WASTE**

4.	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 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 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 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 type="checkbox"/>

NOTE: Complete appropriate checklist for each unit.

NOTE: If the CESQG conducts treatment they are subject to the LQG requirements.

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

**MIX HAZARDOUS WASTE WITH USED OIL**

5.	Does the CESQG mix its hazardous waste with used oil for the purpose of burning for energy recovery? [3745-51-05(J)] If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Does the CESQG manage the mixture in accordance with 3745-279-21?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

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

2. Inspectors can check BUSTR's web-site at [https://www.comapps.ohio.gov/sfm/fire\\_apps/bust/bustr/PublicInquiry.asp](https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/PublicInquiry.asp) to determine if a UST containing used oil is registered with BUSTR. Inspectors may call BUSTR at 614-752-7938 or a BUSTR site coordinator to report an unregistered UST or a UST that appears to not be in compliance with BUSTR regulations. A list of BUSTR coordinators by county are at: [https://www.comapps.ohio.gov/sfm/fire\\_apps/bust/bustr/SearchByCounty.asp](https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/SearchByCounty.asp).

**PROHIBITIONS**

1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
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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 type="checkbox"/>
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**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"/>
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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 type="checkbox"/>	<input checked="" type="checkbox"/>
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**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"/>
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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 type="checkbox"/>
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**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 type="checkbox"/>	<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"/>
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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"/>
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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 type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
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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 type="checkbox"/>	<input checked="" type="checkbox"/>
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a.	Stopped the release?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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b.	Contained the release?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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c.	Cleaned up and properly managed the used oil and other materials?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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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 type="checkbox"/>
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<b>ON-SITE BURNING IN SPACE HEATER</b>		
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"/>
b.	Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Are the combustion gases from heater vented to the ambient air?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).</i>		
<b>GENERATOR TRANSPORTATION</b>		
11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#? [3745-279-24]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transport used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	
a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator? [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time? [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Used oil generators may arrange for used oil to be transported by a transporter without a U.S. EPA ID # if the used oil is reclaimed under a contractual agreement (i.e., tolling arrangement).</i>		
<b>COLLECTION CENTERS AND AGGREGATION POINTS</b>		
13.	Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Complete Used Oil Generator and any other applicable used oil handler checklist (e.g., marketer, burner, etc.) for used oil collection centers and aggregation points.</i>		