



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 9, 2012

RE: DAI CERAMICS
OHD 154 187 744
LAKE COUNTY
NOTICE OF VIOLATION

Carole Coughlin
DAI Ceramics
38240 Airport Parkway
Willoughby, OH 44094

Dear Ms. Coughlin:

On March 29, 2012, I inspected DAI Ceramics at 38240 Airport Parkway, Willoughby, Ohio. The purpose of this was to determine if this facility was in compliance with Ohio's hazardous waste, universal waste and used oil laws and rules 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 and wastes.

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 documents, which offer more information on this, were given to you during the inspection:

Identifying Your Hazardous Waste, 2010

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

OAC 3745-51-21 to 24 characteristic hazardous waste

OAC 3745-51-31 listed hazardous waste

http://www.epa.ohio.gov/dhwm/laws_regs.aspx

DAI Ceramics 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. In general, waste lamps should be saved in a properly labeled and closed container (such as a cardboard box) and picked up by a lamp recycler. The following document which gives more information on this was given to you during the inspection:

Ohio's Universal Waste Rules: Are You Handling Used Lamps Correctly?, 2010

<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:

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1924

330 | 963 1200
330 | 487 0769 (fax)
www.epa.ohio.gov

Waste Disposal and Recycling Companies in Northeast Ohio, 2009

Your waste hauler for the resin wash water may also be able to pick up waste lamps. **Please send me a description of how you will now properly manage waste lamps.**

2. **OAC Rule 3745-279-22(D) - Response to releases of used oil.**

This rule requires that upon detection of a release of used oil to the environment, the generator must stop the release, contain the released used oil, and clean up and manage properly the released used oil and other materials.

DAI Ceramics violated this rule by having what appeared to be used oil and water being discharged from an air compressor onto the concrete outside. You e-mailed me a photo showing that this has been cleaned up and a container put there to collect future waste from this pipe. This documents your correction of this violation. You may want to add a cover over this container to avoid it from filling up with rainwater and, therefore, overflowing any oil floating on the water. All used oil is required to be stored in containers that are in good condition and labeled as used oil.

The following concerns were found:

There was a white material on the concrete at the drum collecting waste from your dust collector unit and also on the concrete in front of your solid waste dumpster. You sent me a photo showing that the white material had been cleaned up in front of the dumpster. You said that this was dust collected during cutting of ceramic parts and that it is not a hazardous waste.

Within the drums of non-hazardous waste resin wash water stored outside there was one drum with an open bung and one full drum that was not labeled. **Please send me documentation showing that these issues have been corrected.**

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

The Regulation of Used Oil: An Overview for Ohio Businesses Who Generate Used Oil, 2006

http://epa.ohio.gov/portals/32/pdf/Used_Oil_Generators_Guidance.pdf

Registered Used Oil Transporters in Northeast Ohio, 2011

Office of Compliance Assistance and Pollution Prevention

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

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>.

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- 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/>.
- Ohio Bureau of Workers' Compensation has an OSHA On-Site Consultation service which includes free on-site safety inspections and consultation, safety program assistance, and safety and hygiene training or seminars. More information can be found at: <http://www.ohiobwc.com/employer/programs/safety/SandHOSHAOnSite.asp>.

You need to immediately take the necessary measures to return to compliance with Ohio's environmental laws. Within 14 days of receipt of this letter, you are requested to provide documentation to me including the steps taken to abate the violations cited above. Such documentation may include written correspondence, updated policies, and photographs, as appropriate.

Please be advised that violations cited above will continue until the violations have been properly abated. Failure to comply with Chapter 3734 (or 3714 for C&DD) of the Ohio Revised Code and rules promulgated thereunder may result in a civil penalty of up to \$10,000 per day for each violation. If circumstances delay the abatement of violations, you are requested to submit written correspondence of the steps that will be taken by date certain to attain compliance.

If you have any questions, please contact me at (330) 963-1217, or robert.almquist@epa.state.oh.us. I look forward to your prompt, written response.

Sincerely,



Robert Almquist
Division of Materials and Waste Management

RA:cj
Enclosures

ec: Frank Popotnik, DMWM, NEDO
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