



State of Ohio Environmental Protection Agency

BM 001
File

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-8249
www.epa.state.oh.us

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

May 11, 2009

Mr. David Hall
Rayner Electric
112 Ash Street
Piqua, Ohio 45356

Re: Complaint Investigation, Notice of Violation

Dear Mr. Hall:

On April 23, 2009, Jeff Smith and I representing Ohio EPA visited Rayner Electric in response to a complaint received in our office alleging that you were crushing mercury containing light bulbs. Based upon our inspection of Rayner Electric, the complaint was deemed to be valid. A motor and blade had been used to crush fluorescent light bulbs. Crushed light bulbs were still present in the small drum located beneath the motor/blade. The following violation of Ohio's hazardous waste rules was noted:

1. **OAC Rule 3745-52-11, Waste Evaluation:** 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.

Rayner Electric has failed to determine if the crushed light bulbs generated on-site are a hazardous waste. The equipment used in the bulb crushing operation is likely contaminated and will need to be cleaned or evaluated and sent out as waste. The area around the bulb crusher has some visible powder still present from the crushing operation. This material will also need to be cleaned up and the residue and cleaning materials disposed of properly.

If found to be a hazardous waste, the crushed bulbs, contaminated equipment, and clean-up materials will need to be manifested for shipping and sent to a facility permitted to accept the waste. **Submit a copy of the waste manifest and disposal receipt to this office within 45 days of receiving this letter.**

GENERAL COMMENT

Rayner Electric cannot bring lamps from job sites back to their shop without following Ohio's universal waste rules under OAC 3745-273. Ohio EPA strongly

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encourages you to recycle your lamps by managing them under Ohio's universal waste rules. If you manage your lamps as a universal waste, you must:

- Package the lamps in a manner that minimizes the risk of breakage. The containers must be designed to contain potential releases due to breakage (this could be the same packaging in which the new lamps are shipped from the manufacturer). Any releases and residues must be immediately contained, characterized, and disposed of properly;
- Mark the universal lamps or their containers with the words "Universal Waste Lamp(s)" "Waste Lamp(s)" or "Used Lamp(s)";
- Develop a method that clearly demonstrates the length of time the lamps have been accumulated from the date they became a waste or are received; and
- Ensure delivery of the lamps to another universal waste handler (a business managing universal waste) or a permitted facility.

You can find copies of the rules and other information on the division's web page at www.epa.state.oh.us/dhwm. Ohio EPA also has helpful information about pollution prevention at the following web address: www.epa.state.oh.us/opp.

A re-inspection will be conducted to document your return to compliance with the above-mentioned violation. Should you have any questions, please feel free to contact me at (937)285-6083.

Sincerely,



Brian Marlatt
Division of Hazardous Waste Management

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.

cc: Dinah Crawford, DHWM/SWDO File

DC/ca