

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

N152430430

FACILITY: Oliver Carbide Products Inc.		SRN / ID: N1524
LOCATION: 7445 MAYER RD, FAIR HAVEN		DISTRICT: Southeast Michigan
CITY: FAIR HAVEN		COUNTY: SAINT CLAIR
CONTACT: Brian Sherwood, Engineer		ACTIVITY DATE: 04/16/2015
STAFF: Rebecca Loftus	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT:		
RESOLVED COMPLAINTS:		

On April 16, 2015, Kerry Kelly, Joyce Zhu, and I, Rebecca Loftus, from the Department of Environmental Quality's (DEQ), Air Quality Division (AQD), conducted an inspection of Oliver Carbide Products Inc., State Registration Number (SRN): N1524, located at 7445 Mayer Road, Cottrellville, Michigan. The purpose of this inspection was to determine the facility's compliance with the Federal Clean Air Act Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act of 1994, PA 451, as amended, and Michigan's Air Pollution Control Rules.

We arrived on-site at 12:50pm and met with Brain Sherwood, Process Engineer.

Facility History

Previously, Fair Haven Plastic Inc., occupied the building at this location; the property was sold after a fire. In 2003, Oliver Carbide Products purchased the property and rebuilt a new building. Oliver Carbide Products manufactures carbide coated products and tools for various applications, including woodworking.

Inspection Observations

Mr. Sherwood escorted us through the building and explained the following: Previously, Oliver Carbide had six 6 electric furnaces used for brazing tools; five were vacuum type furnaces and one utilized anhydrous ammonia. The five vacuum furnaces appear to be exempt from obtaining a Permit to Install (PTI) pursuant to Rule 282(a). The anhydrous ammonia furnace is no longer in use and the equipment was removed in January/February 2014.

The building also has a machining area, four small paint booths that share exhausts, and an adhesive application room. Mr. Sherwood explained that paint is applied using HVLP spray guns or aerosol cans. In the adhesive room employees apply an acrylic clear coat lacquer at individual stations which exhaust through filters to a ventilation system.

The machining area equipment appears to be exempt from obtaining a PTI pursuant to Rule 285(l)(vi)(B). The paint booths and adhesive room appear to be exempt from obtaining a PTI pursuant to Rules 287(c) and 287(b).

In addition to the observed equipment, Mr. Sherwood explained there are no large boilers, fire pumps, or emergency generators at the facility.

Record Keeping

On April 23, 2015, Mr. Sherwood provided coating records from 2013 through March 2015 (see attached). Records include all coatings and adhesives used at the facility. The month with the most gallons used is May 2013 with 135 gallons; with the monthly average ranging from 50-80 gallons.

Conclusions

Based on my inspection observations and the records provided, Oliver Carbide appears to be in compliance with the Federal Clean Air Act and Michigan's Air Pollution Control Rules.

NAME Rebecca Loftus DATE 4/29/15 SUPERVISOR CJE