

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

A326726032

FACILITY: OAKLAND METAL FAB INC		SRN / ID: A3267
LOCATION: 22600 SHERWOOD, WARREN		DISTRICT: Southeast Michigan
CITY: WARREN		COUNTY: MACOMB
CONTACT: Terry Fletcher, Owner		ACTIVITY DATE: 07/17/2014
STAFF: Rebecca Loftus	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT:		
RESOLVED COMPLAINTS:		

June 3, 2014 Inspection

On June 3, 2014, I, Rebecca Loftus, from the Department of Environmental Quality's (DEQ), Air Quality Division (AQD), attempted to conduct an inspection of Oakland Metal Fabricating, Inc., SRN: A3267, located at 22600 Sherwood, Warren, 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, Michigan's Air Pollution Control Rules, and PTI No. 135-84.

PTI No. 135-84 was issued to Oakland Metal Fabricating, Inc for the operation of a paint booth. Oakland Metal Fabricating, Inc is no longer in business at this location. The current company occupying the building is Fletcher Machine Painting, 586-756-1880.

I arrived on-site at 11:45am and spoke with Ms. Julie Fletcher. I explained where I was from, the purpose of my inspection, and gave her my business card and the "Environmental Inspections: Rights and Responsibilities" brochure. Ms. Fletcher explained that Fletcher Machine Painting does have a paint booth and they paint metal parts, but she could not let me in until she spoke with the owner. I explained what I would need to look at, including the booth, usage records (or purchase records) for paint and solvents, etc., but Ms. Fletcher stated I would need to make an appointment with the owner. As we continued to talk, Ms. Fletcher said they do not have usage records, but she would try to get the purchase information from her paint suppliers. Also, after speaking with the owner, she will call me Thursday or Friday next week to let me know when I can conduct my inspection.

I will follow-up with Ms. Fletcher next week and will proceed as necessary if I am denied access to the building again.

July 17, 2014 Inspection

On July 17, 2014, Sebastian Kallumkal and I, Rebecca Loftus, from the Department of Environmental Quality's (DEQ), Air Quality Division (AQD), conducted an inspection of Fletcher Machine Painting, SRN: A3267, located at 22600 Sherwood, Warren, 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, Michigan's Air Pollution Control Rules, and PTI No. 135-84.

We arrived on-site at 10:30 and met with Mr. Terry Fletcher, Owner. Mr. Fletcher explained that Fletcher Machine Painting paints machinery and robot parts for the automotive industry. The building has two paint booths, a gas drying oven, and a small parts washer.

Mr. Fletcher showed us the booths and explained the following: His painters use quarts/pints of paint at a time, they use HVLP paint guns, and they wear respirators while painting in the booths. During the inspection I noted, the filters in booth #1 were in place however needed to be re-positioned; the filters in booth #2 appeared to be properly installed. In addition to the two paint booths, Mr. Fletcher showed us the gas drying oven and stated it rarely operates at approximately 120°F. Mr. Fletcher said he would contact his paint supplier for his paint usage records. The MSDS for his most used paint (white base coat) is attached. Pending the paint records, the paint booths appear to be in compliance with the conditions of PTI No. 135-84.

Just outside of booth #1, there is a paint mixing area and parts washer. All containers in the mixing area were appropriately covered and the lid of the parts washer was closed; an orange AQD parts washer procedures sticker was provided. The MSDS for the mineral spirits is attached. The parts washer appears to be exempt from obtaining a PTI pursuant to Rule 281(h).

While we were leaving, Sebastian and I noted the stacks for the paint booths elbow back onto the building. I emailed Mr. Fletcher explaining that with this configuration all solvents/paints used in the booths are going directly on his roof and may be contributing to the corrosion of the metal roof (which he had recently replaced).

Update

On August 2, 2014, Mr. Fletcher emailed me the paint usage for each booth. From 2013 through June 2014, the facility used 348.25 gallons in Booth #1 and 75.5 gallons in Booth #2. Mr. Fletcher also indicated that he has started using the daily paint logs that I provided him and he plans to change the stack configurations by October 2014.

Conclusions

Based on the information provided, Fletcher Machine Painting appears to be in compliance with PTI No. 135-84, Michigan's Air Pollution Control Rules, and the Clean Air Act.

NAME Rebecca Jettis

DATE 8/7/14

SUPERVISOR CTE