

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

N166334998

FACILITY: DYNAMIC POWDER COATINGS INC		SRN / ID: N1663
LOCATION: 7214 MURTHUM, WARREN		DISTRICT: Southeast Michigan
CITY: WARREN		COUNTY: MACOMB
CONTACT:		ACTIVITY DATE: 06/07/2016
STAFF: Rebecca Loftus	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT:		
RESOLVED COMPLAINTS:		

On June 7, 2016, I, Rebecca Loftus, Department of Environmental Quality (DEQ), Air Quality Division (AQD), conducted an inspection of Dynamic Coatings, Inc., SRN: N1663, located at 7214 Murthum, Warren, Michigan. The purpose of the 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 Permit to Install (PTI) Nos. 570-87 and 2-94.

Facility History

Dynamic Coatings, Inc. previously had two permits: PTI No. 570-87 was issued for a powder coating process and PTI No. 2-94 was issued for a batch burn off oven. During my inspection in 2010, Mr. Mitra, President, stated that Dynamic Coatings has not used the powder coating process in twelve years and the burn-off was removed.

In 2010, Mr. Mitra explained Dynamic Coatings uses an autophoretic coating process. The autophoretic coating system includes cleaning, rinsing, and immersion coating stages. Materials for the system are supplied by Henkel Corporation. According to Mr. Mitra and Henkel's website, there are no heavy metals, VOCs, or HAPs present in the system.

Process description: All metal parts undergo alkaline cleaning, which is followed by tap water rinses and a de-ionized (DI) water rinse. The parts then go to a dip tank for coating where an autodeposition process takes place. The mixture in the dip tank is approximately 95% DI-water and 5% Aquence 866 (an autophoretic coating product from Henkel). After the coating process, the metal parts are again rinsed with tap water and DI-water and then sent through the oven to dry. The oven temperature is low and only used to remove the moisture from the product.

After reviewing the MSDS provided by Mr. Mitra, the autophoretic system did not appear to give off any air contaminants of concerns. Therefore, at the time, the process did not appear to require a PTI. Mr. Mitra said he would submit a request to void PTI Nos. 570-87 and 2-94.

2016 Inspection Observations

Upon arrival, I noted Dynamic Coatings is no longer in business at this location. I met with Mr. Dan Wasinski, ICR Sales Representative. Mr. Wasinski explained Dynamic Coatings had gone out of business and ICR has been at this location for two years. ICR uses the building as warehouse storage and is in the process of moving to the building across the street. Mr. Wasinski said the building is for sale and believes a dispensary may be purchasing the property.

During my inspection, I did not observe any processes/equipment that would have the potential to create any air contaminant emissions.

Conclusions

Based on the information gathered, Dynamic Coatings is no longer in business and the facility should be marked permanently closed in the AQD database. In addition, PTI Nos. 570-87 and 2-94 should be voided; a request will be sent to Lansing to have the permits voided.

NAME

Rebecca Loftus

DATE

7/14/16

SUPERVISOR

CTE