

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

M423552896

FACILITY: Spectrum E-Coat, Inc.		SRN / ID: M4235
LOCATION: 226 CRAWFORD ST, BELDING		DISTRICT: Grand Rapids
CITY: BELDING		COUNTY: IONIA
CONTACT: Dave Tyler , Maintenance Coordinator		ACTIVITY DATE: 03/05/2020
STAFF: Kaitlyn DeVries	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: The purpose of this inspection was to determine compliance with PTI No. 62-85A and other applicable air quality rules and regulations.		
RESOLVED COMPLAINTS:		

On Thursday March 5, 2020 Department of Environment, Great Lakes, and Energy (EGLE) Air Quality Division (AQD) staff Kaitlyn DeVries (KD) conducted an unannounced, scheduled inspection of Spectrum E-Coat, Inc located at 226 Crawford St. Belding, Michigan. The purpose of this inspection was to determine compliance with PTI No. 62-85A and other applicable air quality rules and regulations.

Prior to arriving at the facility, KD observed the facility for any excess emissions or odors; none were noted. Once at the facility, KD met with Mr. Dave Tyler, Maintenance Coordinator who accompanied KD through the facility and passed along the records request to Mr. Burt Thurston, Process Engineer, who supplied KD with the pertinent records the following week.

### Facility Description

Spectrum E-coat is a metal parts electro-deposition facility consisting of several different tanks for pre-treatment, rinse and coating tanks. After the coating, and rinsing the parts go through the ovens for drying. The facility operates five (5) days per week with part time operations on Saturdays with two (2) 10-12-hour shifts. The facility primarily coats parts for the auto industry, but also does some parts for the furniture industry, exercise equipment, ATV's, snowmobiles and others.

### Regulatory Analysis

The facility is currently defined as a minor source of criteria pollutants and has one (1) permit for a metal parts coating line.

### Compliance Evaluation

No major changes have occurred at the facility since the last inspection with the plating line being the same. The facility still uses one (1) coating, the same coating as before, PPG-590. The SDS for the coating is attached to this report. The VOC emission rate from the coating line is limited to 3.0 pounds per gallon of coating, minus water and exempt compounds. Records indicate the emissions from the coating line on a daily basis are 0.77 pounds of VOC per gallon. The company is properly tracking the amount of coating used as well as the additives. The coating line is limited to 16.8 tons of VOC per year, based upon a 12-month rolling time period and 16.8 pounds per hour. Records indicate the 12-month rolling VOC emissions were 4.46 tons as of January 2020.

In addition to the permitted metal coating line, the facility has two (2) natural gas boilers. Both are 1.3 MMBTU Columbia boilers. These boilers are exempt from Rule 201 permitting under rule 282(2)(b)(i). Additionally, based upon the size of the boilers they are not subject to the provisions of 40 CFR Part 60 Subpart Dc.

**Compliance Determination**

Based upon the observations made during the inspection and a subsequent review of the records, it appears that Spectrum E-Coat, Inc. is in compliance with PT No. 62-85A.

NAME Kaulem Aida DATE 4/7/2010 SUPERVISOR [Signature]