

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U41190134847657

FACILITY: Professional Metal Finishers		SRN / ID: U411901348
LOCATION: 2474 Turner Avenue N.W. Suite F, Walker		DISTRICT: Grand Rapids
CITY: Walker		COUNTY: KENT
CONTACT: Mark Boss, Director of Operations		ACTIVITY DATE: 01/24/2019
STAFF: Adam Shaffer	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self-Initiated Inspection		
RESOLVED COMPLAINTS:		

Air Quality Division (AQD) staff Adam Shaffer (AS) arrived at the Professional Metal Finishers (PMF) facility located in Grand Rapids, MI at 10:19am on January 24, 2019 to complete a self-initiated inspection.

Facility Description

Prior to entering the facility, off-site odors and visible emission observations were completed. The weather conditions at the time of the inspection were winds from the west at 5-10mph, mid 20's °F and cloudy skies. Emissions observed appeared to be steam and no identifiable odors were noted in areas observed from.

Upon arrival, AQD staff AS met with Mr. Mark Boss, Director of Operations, who provided a tour of the facility and answered all site specific questions. Following the site inspection, Ms. Tricia VanderHarr, HR & Administrative Manager, and Mr. Boss provided requested documents. PMF is a powder coating operations company. The site currently doesn't operate with an air pollution control permit, and instead utilizes exemptions for all on site processes.

Observations

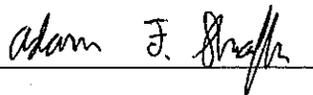
The powder coating process on site was observed during the course of the site inspection. Parts are shipped on site and first go through a 4-stage washer, which consisted of a cleaning agent stage, phosphate stage, and two rinse stages. Safety Data Sheets were requested and provided for the wash materials used. Following the 4-stage washer the parts then proceed through the powder coating booths and associated ovens. Two powder coating booths were observed. Hand held nozzles are used for application of powder coating materials at each powder coating booth. Fabric filters are used to control emissions and are vented internally. Filters were stated by PMF staff to be changed every six months. Parts such as hangers, hooks etc., that are coated with waste coatings are sent off site to be burned off. Upon further review of the powder coating operations, the 4-stage washer, associated ovens and powder coating booths are considered one emission unit. Reviewing the Safety Data Sheets provided by PMF, potential emissions from the 4-stage washer appear to be minimal. It was concluded that the powder coating operations observed appear to be exempt per Rule 287(2)(d).

Additionally, while speaking with PMF staff, it appeared one area adjacent to one of the powder coating booths was used for custom powder coating jobs. Moving forward, these operations shall be completed in an associated powder coating booth in order to capture any emissions.

Conclusion

Based on the review of the records provided and the facility walk through, PMF appears to be in compliance with all applicable air pollution control rules.

NAME



DATE

02/07/19

SUPERVISOR

