

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

B735254568

FACILITY: Seaver Industrial Finishing Co.		SRN / ID: B7352
LOCATION: 1645 Marion St., GRAND HAVEN		DISTRICT: Grand Rapids
CITY: GRAND HAVEN		COUNTY: OTTAWA
CONTACT: Jack Blessman , Facility Manager		ACTIVITY DATE: 08/13/2020
STAFF: Chris Robinson	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: FY '20 on-site inspection to determine the facility's compliance status with applicable air quality rules and regulations including PTI no. 70-05C.		
RESOLVED COMPLAINTS:		

On August 13, 2020, Chris Robinson (CR) from the Department of Environment, Great Lakes, and Energy (EGLE) Air Quality Division (AQD) conducted an on-site scheduled inspection of Seaver Industrial Finishing Company (SRN B7352). Located in Grand Haven, Ottawa County Michigan. The purpose of this inspection was to determine compliance with applicable air quality rules and regulations, including the facility's Permit to Install (PTI) 70-05C. Per recent field work guidance, CR contacted Jack Blessman, Facility Manager on August 12, 2020 to ensure proper staff would be onsite during the August 13, 2020 inspection as well as to prepare for any Covid19 related entry procedures.

Upon arrival, CR met with Jack Blessman and Steve Dood, Maintenance. Identification was provided and CR again informed Mr. Blessman of the purpose of the inspection. Prior to entering the plant CR reviewed the facility's permit with Mr. Blessman and Mr. Dood and discussed any changes and concerns they may have. Mr. Blessman informed CR that shortly after the permit was issued, on March 28, 2017, a fire destroyed much of the permitted equipment, which the facility chose not to replace. Proper PPE and social distancing were maintained throughout the inspection.

Weather conditions: mostly cloudy approximately 61 deg F with winds coming out of the north at approximately 10mph (www.weatherunderground.com). CR surveyed the perimeter of the facility upon arrival for odors and visible emissions. None were observed.

Facility Description / Compliance Evaluation

Seaver Industrial Finishing Company (Seaver) is a job shop that powder coats furniture, automotive and other miscellaneous metal parts. The facility's wet coat system was damaged in a 2017 fire and never replaced. The facility operates equipment under several Rule 201 Permitting exemptions and PTI 70-05C.

1) PTI No. 70-05C:

As mentioned above, the facility had a fire in 2017. The only remaining equipment still covered by PTI 70-05C is the newer burn-off oven (EUNEBURNOFF). At the time of permitting the facility used both wet coat (EUSPRAYLINE) and powder coating. Since the fire, the facility has switched entirely to powder coating. Emission unit EUBURNOFFOVEN was also destroyed in the fire and never replaced. Since EUSPRAYLINE and EUBURNOFFOVEN are no longer onsite, which CR verified, they will not be discussed further.

EUNEBURNOFFOVEN

Emission Unit EUNEBURNOFFOVEN consists of a Pollution Control Products (PCP) brand natural gas fired only burn-off oven equipped with an afterburner, main oven and afterburner temperature displays and data recorder as well as automatic temperature controllers for both chambers. The burn-off oven was operating during the inspection with a main oven temperature of 798 deg F and an afterburner (secondary chamber) temperature of 1,643 deg F. Per Mr. Dood, only the metal racks used in the powder coating line are cleaned in the burn-off oven. Per the manufacturer labels the system is equipped with a flame safeguard and an interlock relay. Contrary to Special Condition (SC) IV.3 the interlock system only works to prevent the unit from overheating, by engaging the water spray system, not by shutting down the main oven in response to an afterburner failure. If an afterburner failure is detected the unit will complete its cycle but will not restart until the issue is addressed. This unit is operating as intended by PCP.

Temperature data is being recorded and was provided. Based on the data, the afterburner temperature is being maintained at above 1,400 deg F when operating. Special Condition VI.2 requires annual calibration, which the facility overlooked since this was not a requirement for the older burn-off oven (EUBURNOFFOVEN). However, the facility maintained both units in the same manner and adopted the requirements from EUBURNOFFOVEN to monitor weekly visible emissions. Stack emissions are monitored several times throughout the day, when

