

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

P067645654

FACILITY: Wiesen Powder Coat		SRN / ID: P0676
LOCATION: 8634 Storey Road, BELDING		DISTRICT: Grand Rapids
CITY: BELDING		COUNTY: IONIA
CONTACT: Jarrod Wiesen , President		ACTIVITY DATE: 08/16/2018
STAFF: Kaitlyn DeVries	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: The purpose of this inspection was to determine compliance with PTI No. 65-15 and other applicable air quality rules and regulations.		
RESOLVED COMPLAINTS:		

On Thursday August 16, 2018 Air Quality Division (KD) Staff Kaitlyn DeVries (KD) and Tyler Salamasick (TS) conducted an unannounced, scheduled inspection of Wiesen Powder Coat located at 8634 Storey Road, Belding Michigan. The purpose of this inspection was to determine compliance with PTI No. 64-16 and other applicable air quality rules and regulations.

Prior to arriving on site, staff observed the perimeter for any excess odors and opacity. None were noted. Upon arrival on site, Staff met with Mr. Jarrod Wiesen, President, and Mr. Jeff Wiesen; both of whom accompanied staff on a tour of the facility.

Facility Description

Wiesen Powder Coat (Wiesen) is primarily a powder coating facility with associated clean and cure ovens servicing the automation industry. Wiesen also has a burn off oven for burning coatings off of wheels.

Regulatory Analysis

Wiesen currently holds one (1) permit, PTI No. 64-16 which is for the burn off oven. Wiesen applied for this permit as a result of AQD's 2015 inspection and subsequent Violation Notice. Wiesen also relies on Permitting exemptions to demonstrate compliance with air quality rules.

Compliance Evaluation

PTI No. 64-16.

Wiesen has the one (1) burnoff oven, EUBURNOFF, which is a batch-type natural gas-fired oven equipped with a 180,000 BTU/hr Primary burner and a 280,000 BTU afterburner. This unit was not in operation at the time of the inspection, but per Mr. Jarrod Wiesen, the unit operates a couple of times per week. However, Mr. Jeff Wiesen noted that they are considering removing the unit. KD stated that if they decide to remove the unit to let her know, as the permit could be voided after verification the unit is removed, or decommissioned.

The oven only burns off coating which is applied by Wiesen, and per a review of the coating records do not have a chlorine content exceeding 0.0025 pounds of chlorine per pound of coating. Additionally, nothing besides the coatings are processed in the unit.

KD was able to view the control panel for the burnoff oven where the oven temperatures are displayed. The temperature itself is recorded on a circular disc chart. The afterburner is required to operate at a minimum temperature of 1400°F. Per a review of the temperature records on-site, the afterburner consistently operates at around 1600°F.

The unit's thermocouples should be calibrated at least yearly, however, per Mr. Jarrod Wiesen, the thermocouples have not been calibrated since the unit was installed in 2016. KD stated that this should be done as soon as possible. Mr. Jeff Wiesen ensured that this would be taken care of soon and confirmation of this activity would be sent to KD.

While KD did not measure the stack dimensions, they appeared to be correct.

The other activity conducted on site is powder coating. Wiesen has one (1) large powder coat booth with associated wash and cur oven. The wash oven was running at a temperature of 356°F, while the cure oven was operating at a temperature of 464°F. Both ovens are natural gas fired. The booth was equipped with a

fabric filter, and per Mr. Jarrod Wiesen, the filters are changed monthly, or on an as needed basis. The powder coating operation and associated ovens are exempt from Rule 201 permitting under Rule 287(2)(d). Wiesen also had one (1) small powder coat booth, which was also equipped with a filter, but didn't have any associated ovens. This too is exempt from Rule 201 permitting under Rule 287(2)(d).

Compliance Determination

Based upon the observations made during the inspection and a subsequent review of the records, it appears as if Wiesen Powder Coat is in compliance with PTI No. 64-16, pending Wiesen supplies AQD with appropriate documentation of calibration of the thermocouples for EUBURNOFF.

NAME Kaitlyn Davis DATE 8/18/2018 SUPERVISOR 