

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

P102348770

| | | |
|---|-------------------------------|---------------------------|
| FACILITY: Trelan Manufacturing | | SRN / ID: P1023 |
| LOCATION: 498 Eight Mile Road, REMUS | | DISTRICT: Grand Rapids |
| CITY: REMUS | | COUNTY: MECOSTA |
| CONTACT: Tony Martin , Manager | | ACTIVITY DATE: 04/25/2019 |
| STAFF: Chris Robinson | COMPLIANCE STATUS: Compliance | SOURCE CLASS: Minor |
| SUBJECT: Self initiated on-site inspection to determine the facility's compliance status with applicable air quality rules and regulations. | | |
| RESOLVED COMPLAINTS: | | |

An onsite self-initiated unannounced inspection of Trelan Manufacturing (Trelan) was conducted by AQD staff Chris Robinson (CR) on April 25, 2019. The facility is located at 498 Eight Mile Road, in Remus, Mecosta County, Michigan. CR met with Tony Martin, Manager, announcing intent to conduct an inspection of the facility in order to determine Trelan's current compliance status with respect to applicable air quality rules and regulations. There are currently no permits associated with this facility. Mr. Martin provided pertinent information and a tour of the facility.

Weather conditions were fair with no precipitation, approximately 68°F with winds coming out of the south at approximately 5mph (www.weatherunderground.com). CR surveyed the perimeter of the facility upon arrival for odors and visible emissions, none were observed.

Trelan manufactures and assembles large chippers primarily for the forestry industry as well as some various types of feeders for the farm and game industries. It takes approximately 6-8 weeks to make a chipper, but they are usually working on multiple (at various stages) at a time. The facility employs approximately 10 employees.

Components are fabricated onsite using various metal working machines used for cutting, carving, drilling, machining, grinding and sanding. All of which are exempt from Rule 201 permitting requirements per Rule 285(2)(l)(vi)(B). Any emissions associated with this equipment are released to the general in-plant environment.

Large machines, as well as portable welders are used on site, which consist of both resistance welders and oxy-Acetylene welders. All of which are used indoors. This equipment is also exempt from Rule 201 permitting requirements per Rule 285(2)(l).

The facility has one (1) cold cleaner which appears to be exempt from Rule 201 per Rule 281(2)(h) for cold cleaners having an air/vapor interface of not more than 10 square feet.

The facility utilizes a large spray booth/area which consists of large curtains and a blower equipped with filters. The filters were installed and appeared to be well maintained. Mr. Martin indicated that the curtains are closed when spraying is being conducted and filters are replaced on an as needed basis. This process appears exempt from Rule 201 permitting requirements per Rule 287(2)(c) for a coating line that uses less than 200 gallons per month. Records are maintained and were readily available. Mr. Martin provided records for January 1, 2018 through March 31, 2019, which are attached. Based on these records, Trelan used approximately 183 gallons of paint in that time period, which is well under the 200 gallon per month limit.

Lastly, Trelan uses four (4) fuel oil burning furnaces for space heating. The furnaces were made by Sunderman Manufacturing (South Dakota), model #2040-SS. All are well under 20,000,000 Btu's per hour, therefore exempt from permitting per Rule 282(2)(b)(ii). These furnaces appear to be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources (40 CFR Part 63 Subpart JJJJJJ). However, the AQD does not have delegation of authority for this Standard at this time.

Based on observations, discussions and a review of records, Trelan appears to be in compliance with applicable air quality rules and regulations.

NAME



DATE

5/15/2019

SUPERVISOR

