

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

N526159645

FACILITY: AUTOMATIC SPRING PRODUCTS CORP		SRN / ID: N5261
LOCATION: 803 TAYLOR, GRAND HAVEN		DISTRICT: Grand Rapids
CITY: GRAND HAVEN		COUNTY: OTTAWA
CONTACT: Art Trevino , Maintenance Supervisor		ACTIVITY DATE: 09/01/2021
STAFF: Chris Robinson	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: FY '21 inspection to determine facility's compliance with applicable air quality rules and regulations.		
RESOLVED COMPLAINTS:		

On September 1, 2021, AQD staff Chris Robinson (CR) conducted an unannounced inspection of Automatic Spring Products Corp. (SRN N5261) located at 803 Taylor Street in Grand Haven, Michigan. The purpose of the inspection was to determine the facility's compliance status with applicable air quality rules and regulations.

CR met with Mr. Art Trevino, Maintenance Supervisor who provided pertinent information and a walk through of the facility. CR informed Mr. Trevino of the purpose of the visit as well as providing him with identification.

The Weather conditions were approximately 73°F, fair with north-northeast winds at approximately 8 mph (www.weatherunderground.com). CR drove around the perimeter of the facility and no odors or visible emissions were observed.

A) Facility Description:

Automatic Spring Products Company (ASPC) is a manufacturer of metal springs, clips, and washers. The company has another facility located at 16955 Hayes Street which is considered a separate stationary source. Although metal flat stock is primarily used at this location some round stock is used. This facility is also used for heat treating parts manufactured at the Hayes Street facility.

B) Compliance Evaluation

ASPC operates presses, wire benders, wire coilers, shot blasting, tumbling/deburring equipment, machining equipment, 13 natural gas heat treating ovens that are vented externally. These include 8 units that heat parts indirectly by heating the air that comes into contact with the parts and five (5) endothermic units that heat parts directly by flame. One of the endothermic units is equipped with both oil and salt quenching systems. Other equipment includes a rotary ultrasonic cleaner for cleaning and applying rust preventative, welding stations that are vented internally, and three (3) aqueous parts washers.


All of the process equipment & processes conducted at this location appear to be exempt from Rule 201 permitting requirements, most of which involves cutting, grinding, turning, drilling, machining, polishing, and shot blasting of metal. Since emissions are released to the in-plant environment they appear to be exempt per Rule 285(2)(l)(vi)(B) while equipment used for bending, forming, pressing metal appears to be exempt per Rule 285(2)(l)(i). Metal prep (cleaning) of the metal by use of non-acid solutions is exempt per Rule 285(2)(l)(iii). Most of the parts are dipped in oil for rust protection which is exempt per Rule 284(2)(a) for dipping and storage operations for coating objects with oil. Except for the Heat treating/quenching unit all of the heat-treating ovens appear to be exempt per

Rule 282(2)(a)(i) for furnaces used for heat treating of metals that do not involve oil quenching. Welding is exempt per Rule 285(2)(i) and aqueous parts washers are exempt per Rule 281(2)(k).

The oil/salt quench heat treater was previously determined to be "grandfathered". Per discussions with Mr. Trevino there have been no changes or modification to this unit.

C) Compliance Determination

Based on the observations and discussions made during the inspection ASPC appears to be in compliance with applicable air quality rules and regulations.

NAME 

DATE 9/15/2021

SUPERVISOR 