

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

U73210662561048

FACILITY: SAGINAW CONTROL & ENGINEERING, INC		SRN / ID: U732106625
LOCATION: 11122 Sunshine Drive, Saginaw		DISTRICT: Bay City
CITY: Saginaw		COUNTY: SAGINAW
CONTACT: Rob Young , Plant Quality Control Manager and Safety Officer		ACTIVITY DATE: 11/09/2021
STAFF: Benjamin Witkopp	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Facility Inspection		
RESOLVED COMPLAINTS:		

Ben Witkopp of the Michigan Department of Environment, Great Lakes, and Energy - Air Quality Division (AQD) conducted an inspection of Saginaw Control and Engineering (SCE) at its location on 95 Midland Rd. That site has State Registration Number (SRN) N1950. The company contact was Rob Young. Rob is the Plant Quality Control Manager and also Plant Safety Officer. I inquired about the new Saginaw County facility SCE built northwest of the intersection of M-46 and Graham Rd. Rob offered a tour of the facility after finishing business at the Midland Rd

The facility makes and coats metal electrical junction box enclosures as well as enclosures for other uses just like the Midland Rd site. This site generally appears to make smaller sized enclosures. Enclosures manufactured at this location are sent to the Midland Rd. facility for packaging and shipping. The new location did not have any air use permit.

SCE uses an aqueous washer system prior to coating enclosures in the powder coating system. The washer at this location has only five stages. The first stage is a spray cleaner (Bulk kleen 842HP), followed by two water rinses. The fourth stage is a rust inhibitor (Zirca Sil 18 l). The fifth stage is a reverse osmosis water winse. This site lacks one cleaning stage and does not have a sealer stage in comparison to the other site. No acids are used in the washer system. The five stage washer system appears to meet exemption 285 (l)(iii). The exemption reads (l) The following equipment and any exhaust system or collector exclusively serving the equipment: (iii) Equipment for surface preparation of metals by use of aqueous solutions, except for acid solutions.

The various equipment used to cut and form enclosure boxes is internally exhausted if needed. The equipment appears to meet exemption 285 (l)(i) and 285 (l)(vi) (B). The exemption reads (l) The following equipment and any exhaust system or collector exclusively serving the equipment: (i) Equipment used exclusively for bending, forming, expanding, rolling, forging, pressing, drawing, stamping, spinning, or extruding either hot or cold metals, and (vi) Equipment for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, sand blast cleaning, shot blasting, shot peening, or polishing ceramic artwork, leather, metals, graphite, plastics, concrete, rubber, paper board, wood, wood products, stone, glass, fiberglass, or fabric which meets any of the following: (B) Equipment that has emissions that are released only into the general in-plant environment.

The powder coating operation appears to meet exemption 287(d). The exemption reads (d) A powder coating booth and associated ovens, where the booth is equipped with fabric filter control. The fabric filter control shall be installed, maintained, and operated in accordance with the manufacturer's specifications or the owner or operator shall develop a plan that provides to the extent practicable for the maintenance and operation of the equipment in a manner consistent with good air pollution control practices for minimizing emissions.

Since regulations concerning emergency generators had already been discussed at the Midland Rd. site, Rob only had to check for the existence of such at this location.

It should be noted this location has a relatively small amount of floor area dedicated to equipment / manufacturing at this time. There is plenty of space available for future expansion. Based on the operations seen at both facilities it seems any expansion would likely consist of exempt equipment. If not, at least the company has been made fully aware of the topic of air permitting and exemptions.

The facility is deemed to be in compliance.

NAME B. Wittepp

DATE 12-7-21

SUPERVISOR Chris Hare