

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

N644159902

FACILITY: BENNETT PUMP COMPANY		SRN / ID: N6441
LOCATION: 1218 PONTALUNA RD, SPRING LAKE		DISTRICT: Grand Rapids
CITY: SPRING LAKE		COUNTY: MUSKEGON
CONTACT: Melanie Taskey , HR Manager		ACTIVITY DATE: 09/01/2021
STAFF: Scott Evans	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: On site air quality compliance inspection.		
RESOLVED COMPLAINTS:		

Introduction

On September 1, 2021, State of Michigan Department of Environment, Great Lakes, and Energy Air Quality Division staff member Scott Evans (SE) conducted an air quality inspection of the Bennett Pump Company facility located at 1218 Pontaluna Rd. in Spring Lake, Michigan, to assess compliance with Michigan's air quality regulations. This was an unannounced, on-site inspection.

Bennett Pump Company is a manufacturer of fuel pump stations. They construct pumps for distribution of gasoline, diesel fuel, and hydrogen fuel. On site production includes the manufacturing of the circuit boards used for the in-pump computers, painting of pre-formed metal parts, and assembly of the pump units. There is no machining of parts done on site as all metal components arrive at the facility pre-formed.

On the day of the inspection, SE observed no visible emissions or odors during an initial perimeter inspection of the facility. Upon entering the facility, SE was greeted by facility staff. After a brief discussion of the purpose of the visit, a walking inspection of the facility commenced.

Inspection

The inspection of the facility covered all parts of the manufacturing process. During the inspection it was confirmed that all equipment and processes on site are exempt from air permitting requirements. Below is a detailed description of all exempt processes.

The facility has assembly lines on site for the manufacturing of the in-pump circuit boards. Included in this process is an auto-soldering unit that robotically solders wires and components into place. This process is exempt for air permitting requirements by Rule 285(2)(i).

The facility paints and coats many parts and components on the pumps for both decorative and protective effects. Records are kept of this paint usage and were reviewed on site for the period of September 2020 through August 2021. The records verified that approximately 50 gallons or less of paint was used during each reviewed month. This demonstrates that painting operations meet the requirements of air permitting exemption Rule 287(2)(c). In addition, much of the surface coating is done via silkscreen processes, which are exempt from air permitting requirements by Rule 287(2)(e).

The facility uses xylene washes to clean off surface coating equipment. The equipment is placed in a chamber and is sprayed with the xylene cleaner, which is then captured in a holding tank below and reused. The opening to the chamber measures less than 10 ft², meaning that it is exempt from air permitting requirements by Rule 281(2)(h).

Conclusion

At the conclusion of the inspection, the facility appeared to be compliant with all applicable air quality regulations. At this time the facility does not require permitting as all observed processes are exempt from permitting requirements.

NAME Scott EvansDATE 9/16/2021SUPERVISOR HH