

M4410

MAWILA

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

M441051794

FACILITY: SMW Manufacturing, Inc.		SRN / ID: M4410
LOCATION: 8707 Samuel Barton Drive, BELLEVILLE		DISTRICT: Detroit
CITY: BELLEVILLE		COUNTY: WAYNE
CONTACT: Dave Marton , Environmental Rep.		ACTIVITY DATE: 12/02/2019
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: <i>Minor</i>
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : December 2, 2019
 TIME OF INSPECTION : 1:15 pm
 INSPECTED BY : Jill Zimmerman
 PERSONNEL PRESENT : Dave Marton, Environmental Representative
 FACILITY PHONE NUMBER : 517-596-3300
 FACILITY EMAIL : dmarton@smw-mfg.com
 FACILITY WEBSITE : www.smw-mfg.com

FACILITY BACKGROUND

SMW Manufacturing is a metal forming facility. The facility has been at this location for about twelve years and operates three shifts per day, five days per week with additional overtime as needed. The facility manufactures parts using either a cold forge or a hot forge process, making parts for piston and other automotive applications. The cold forge machines can add threads to the parts.

REQUIRED PPE

During the onsite inspection, I wore steel toed shoes, eye protection, hearing protection and a bright colored safety vest. I was also asked to review and sign information informing me of the environmental and safety plan at this facility. A copy of the plant visitor safety / environmental information pamphlet is attached to this report.

COMPLAINT/COMPLIANCE HISTORY

On Thursday November 21, 2019 an anonymous complaint that was received by the EPA was forwarded to EGLE. The complaint alleges that lots of smoke was being blown out of exhaust vents and polluting the air, the ground and the water table. Surveillance was performed in the area on Friday November 22, 2019 and on Tuesday November 26, 2019. I did not observe any smoke or steam escaping from any vents at the building. The complaint has been resolved.

PROCESS EQUIPMENT AND CONTROLS

The facility operates eight cold presses and one hot forge press. All the presses vent directly to general plant air. The hot press is heated with an electric induction furnace. The part is heated to about 1200 F before it is formed. The tools are then cooled using water in between each press. Some of the cold press units clean the parts with a water-based solution after the part is formed. All wastewater at the facility, which may also contain oils, is collected and stored in a 1,000-gallon tank located outside the facility along the southwest corner. As needed, the tank is emptied by Usher Oil. There is a light system near the tank which allows worked to know when the tank is half full and completely full.

There is one small parts cleaner located in the workshop area. The lid was initially opened when I arrived, but staff closed the lid as directed by the safety plan located on the unit. This

unit is maintained by Safety Kleen.

INSPECTION NARRATIVE

I arrived at the facility to investigate the recently received complaint. Before I could enter the facility, I needed to review the safety and environmental policy. I then met with Mr. Dave Marton. I explained to Mr. Marton my reason for coming to the facility. He explained that he was recently visited by Eric Eno from MiOSHA. He suspected that an employee had been the source of the anonymous complaint.

Mr. Marton explained the process to me as well as the history of the facility. SMW moved into this location about twelve years ago. When SMW took ownership, the building was empty. The former owner had worked with some sort of plastics. The facility operates three shifts per day, five days per week.

Next, we walked through the facility to observe the operation of the presses. I did not observe smoke inside the plant area. Initially we walked through the cold presses. These units can press a part or thread a part and capable of washing parts as required. Then we observed the hot forge unit. Finally, we observed the wastewater storage tank and Mr. Marton explained the light system used to determine whether the tank is full.

Mr. Marton stated that the facility does not operate a boiler at this location.

APPLICABLE RULES/PERMIT CONDITIONS

The eight cold press units are exempt from permitting by Rule 285(l)(i). The hot forge press is exempt from permitting by Rule 282(2)(a)(i). The parts washer is exempt from permitting by Rule 281(h). The wastewater storage tank is exempt from permitting by Rule 284(2)(i). It appears that no permits are required for this facility based on the observed operations during my onsite inspection.

MAERS REPORT REVIEW

NA

FINAL COMPLIANCE DETERMINATION

SMW Manufacturing appears to be operating in compliance with state and federal regulations. I did not observe any smoke being released from the building. All complaints regarding this facility are considered resolved at this time.

NAME

Jill Zimmerman

DATE

12/23/19

SUPERVISOR

JK