

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

N196527358

FACILITY: BOS Manufacturing		SRN / ID: N1965
LOCATION: 290 WASHINGTON ST, MANISTEE		DISTRICT: Cadillac
CITY: MANISTEE		COUNTY: MANISTEE
CONTACT:		ACTIVITY DATE: 08/11/2014
STAFF: Caryn Owens	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS:
SUBJECT: Scheduled Inspection and Records Review		
RESOLVED COMPLAINTS:		

On Monday, August 11, 2014, Caryn Owens of the DEQ-AQD conducted a on-site inspection of BOS Manufacturing, a division of MasTech Manufacturing. The inspection was unannounced, and DEQ toured the main office building that conducted fabrication and machining using CNC machines (100 South Glocheski Drive), and the finishing and assembly building (290 South Washington). DEQ was escorted by Mr. Kent Brown, the General Manager of BOS Manufacturing. A DEQ inspection brochure was not given to Mr. Brown at the time of the inspection. The site is a minor source of VOCs, and currently is operating under permit to install (PTI) number 76-09, which is a General PTI for coating lines up to 10 tons per year of VOCs.

The main building contained offices, a welding area, a plasma table to profile steel, and various CNC mills and lathes to cut parts. All of these operations vented to the interior of the building. There is a stack northern portion of the building, however, the stack was cut-off and capped inside the building. In the western portion of the main building is a truck dock which is where the chemical storage area is located. DEQ observed approximately four waste oil 55-gallon drums, and three hydraulic fluid 55-gallon drums. The drums appeared to be properly stored waiting for proper disposal.

The finishing and assembly building is used to paint and coat parts, assemble parts, and ship the parts. According to Mr. Brown, approximately 4 to 5 people work in the finishing and assembly building. A spray booth and oven are located in the eastern portion of the building. DEQ observed fabric filters in the paint booth that appeared to in good condition. According to Mr. Brown, the facility uses 60 percent powder paint, and 40 percent wet paint. The coating line comes in spurts depending on when the parts are ready to be painted from the fabrication building. Mr. Brown stated that the paint booth is used approximately 50 to 60 hours per month. The oven at the facility was a 3-phase walk-in CEC natural gas fired oven serial # 2305, which had a maximum heat rate of 2.4 MMBTU/hr. The oven and paint booth were not operating at the time of the inspection. The stacks for the paint booth and oven are off the south-southeastern portion of the building. The stack for the paint booth was approximately 26 feet above ground surface, and the oven stack was approximately 28 feet above ground surface. There was a large stack at the western portion of the building, and another stack off the northern portion of the building. These two stacks have been sealed off and are not in use.

On August 15, 2014, DEQ submitted an email to Mr. Kent Brown for records of the facility. According to Mr. Brown no records have been kept for the facility, and no records were submitted to the DEQ. The DEQ emailed a copy of the PTI with the required recordkeeping information attached to the PTI, so the facility could begin the required recordkeeping activities. As of September 30, 2014, DEQ has not received a response from the facility indicating they have started the record keeping requirements in accordance with PTI 76-09. An initial Violation Notice was submitted to the facility on September 5, 2014, and a second violation notice was submitted September 30, 2014.

Evaluation Summary: Based on the field inspection and records review, the facility is non-complainant with PTI 76-09.

NAME Caryn Owens

DATE 9/30/14

SUPERVISOR [Signature]