

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

N293732100

FACILITY: THREE M TOOL AND MACHINE		SRN / ID: N2937
LOCATION: 8155 RICHARDSON RD, WALLED LAKE		DISTRICT: Southeast Michigan
CITY: WALLED LAKE		COUNTY: OAKLAND
CONTACT: Mike Sneed , Maintenance Manager		ACTIVITY DATE: 10/27/2015
STAFF: Rem Pinga	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced Level 2 Target Inspection		
RESOLVED COMPLAINTS:		

On 10/27/2015, I conducted an unannounced level 2 target inspection at Three M Tool and Machine, Inc. located at 8155 Richardson Road, Walled Lake, Michigan. The purpose of the inspection was to determine the facility's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), the administrative rules, and the facility's Permit to Install No. 689-91. During the inspection, I was accompanied by Mr. Michael Sneed, Maintenance Manager and facility contact. At the pre-inspection conference, I showed my ID Badge, stated the purpose of my visit, and gave a copy of the pamphlet, "Environmental Inspections: Rights and Responsibilities", to Mr. Sneed who accompanied me during the walk through inspection. While searching for the facility, MapQuest showed the facility address as 8155 Richardson, Road, Commerce Township, Michigan 48390.

The facility is a machining company that specializes in the production and precision machining markets. The company also manufactures new and rebuilt special machine components for the machine tool industry per customer specifications and drawings. The facility is divided into Plant 1 and Plant 2.

Plant 1 houses the main machining operations including welding and assembly. Per Mr. Sneed, the facility has about 50 CNC and 15 manual machines of various sizes. I observed large metal parts being machined for windmills. The facility also conducts grinding, cutting, grit blasting, and other metal fabrication work including some assembly to form a product from raw casting. These processes are exempt from permit to install requirements per AQD Rule 285(I).

Plant 2 also conducts some machining operations and houses the spraybooth, a small gritblaster, a safety klean parts washer. During walk through inspection, Mr. Sneed mentioned that the coating spraybooth under Permit to Install No.689-91 has not been used for years. I observed that the booth no longer has sides but filters are still in place. I observed some containers stored in front of the booth and no sign of activity. Mr. Sneed informed me that the facility would occasionally use aerosol spray cans for minor touch up painting exempt from permit to install requirements per AQD Rule 287(b). I observed one small grit blaster with bag filter system exhausted indoor. I observed a safety klean parts washer (2.5'x4' surface dimension) with covers and safety instructions posted in the machine. The door is mechanically assisted. I did not observe visible emissions while at the facility.

Overall, I did not observe any noncompliance issues while at the facility.

NAME HLH

DATE 11/10/2015 SUPERVISOR CJE