

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

M445624553

FACILITY: Futuramic Tool & Engineering Company		SRN / ID: M4456
LOCATION: 20101 and 20201 HOOVER RD, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT:		ACTIVITY DATE: 03/04/2014
STAFF: Jorge Acevedo	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Inspection		
RESOLVED COMPLAINTS:		

MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
INSPECTION REPORT

COMPANY NAME :Futuramic Tool & Engineering
FACILITY ADDRESS :20101 & 20201 Hoover St. , Detroit, MI 48205
STATE REGISTRAT. NUMBER : M4456
SIC CODE :
EPA SOURCE CLASS :
EPA POLLUTANT CLASS :
LEVEL OF INSPECTION : PCE
DATE OF INSPECTION : 3/4/14
TIME OF INSPECTION : 10:00 AM
DATE OF REPORT : 3/18/14
REASON FOR INSPECTION : Scheduled Inspection.
INSPECTED BY : Jorge Acevedo
PERSONNEL PRESENT : Mark Jurcak, President.
FACILITY PHONE NUMBER : 586-497-8850
FACILITY FAX NUMBER : 586-497-8836

FACILITY BACKGROUND:

Futuramic is a full-service design and build company providing engineering, fabrication, machining, certification, and installation services to the aerospace, aircraft, military, defense, and automotive industries.

INSPECTION NARRATIVE:

On March 4, 2014, AQD staff Jorge Acevedo(author) conducted a targeted inspection of Futuramic Tool and & Engineering. The purpose of this visit was to determine the facility's compliance with Part 55, Air Pollution Control, of ACT 451(Natural Resources and Environmental Protection Act), and the federal Clean Air Act. Previously, Tower Defense and Aerospace, operated the building but ceased operations in 2013. The buildings were purchased by another owner and assets were auctioned off in November 2013. Futuramic purchased the buildings in late 2013. There is an existing ROP issued for Tower Defense and the purpose of the inspection was to see if any of the equipment that had been permitted was still on site.

I met with Mark Jurcak, President, of Futuramic Tool & Engineering. I requested that we sit down and talk about the air regulations before we perform the inspection. I explained the permitting process to him and he assured me that all the equipment had been removed. After explaining the inspection process, we went to inspect the two buildings.

We began the inspection in what was identified as Building 6 when Tower owned the building. Previously, there were three shot blast rooms, which were no longer there. Ventilation outside was partly removed as well. Next, I observed two areas where spray booths operated in the past. The booths were no longer there.

We then went into what was identified as Building 5 when Tower owned the building. The paint booths never operated in the past and were no longer there. Also the natural gas oven that was there was no longer there.

Welding stations were no longer there during my inspection. Previously, there were approximately 150 welding stations situated in the aisles in Building 5. The aerospace mill was still there.

We then went to the area where the oven operated outside. It was no longer there. Additionally, the wheelabrator and and plasma torch cutting equipment was also removed. They had one press and one laser cutter still onsite. They still had various natural gas heaters onsite. Previously, these were determined to be exempt.

After touring the two buildings, I explained to Mr. Jurcak that I would be working on a report and determining how to proceed. Mr. Jurcak did not have any questions for me. I left the facility at 10:41AM.

COMPLAINT/COMPLIANCE HISTORY

There have been no citizen complaints or violations registered against Futuramic Tool & Engineering.

OUTSTANDING CONSENT ORDERS

W Industries was under Consent Order, AQD No. 17-2009, which was signed on October 22, 2009. With the buildings changing ownership several times and the equipment subject to the Consent Order removed from the building, I will request to terminate the Consent Order.

OUTSTANDING LOVs
None

OPERATING SCHEDULE/PRODUCTION RATE

Futuramic is not operating but will in the future.

APPLICABLE RULES/PERMIT CONDITIONS

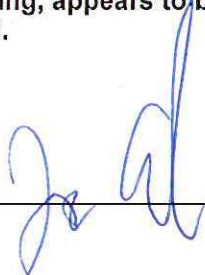
The facility's laser cutting machines is exempt under R 336.1285(l)(vi)(B). Emissions are released into the general in-plant environment. Equipment was not operating at the time of inspection.

The facility's press machines is exempt under R 336.1285(l)(i).

The facility has several small gas fired heaters throughout the two buildings. They have 37 with a maximum heat input of 100,000 BTU/hr and 34 with a maximum heat input of 125,000 BTU/hr. The maximum NOx emissions would be:

The heaters are exempt under R 336.1282(b)(i).

W Industries and Tower Industries operated under a ROP- MI-ROP-M4456-2009. The shotblast equipment, painting booths, wheelabrator, and plasma torch cutting equipment was removed from the facility. Existing, which is not operating, appears to be exempt from air quality permitting. I will request to have the ROP and Source-wide PTI voided.

NAME 

DATE 2-18-14

SUPERVISOR 