

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

A417835686

FACILITY: Master Precision Molds		SRN / ID: A4178
LOCATION: 1212 Fairplains, GREENVILLE		DISTRICT: Grand Rapids
CITY: GREENVILLE		COUNTY: MONTCALM
CONTACT: Blaine Sarkozi , Production Manager		ACTIVITY DATE: 07/26/2016
STAFF: Steve Lachance	COMPLIANCE STATUS: Compliance	
SUBJECT: Scheduled Inspection for FY '016 (SLachance, 7/26/16)		SOURCE CLASS:
RESOLVED COMPLAINTS:		

AQD staff SLachance and AShaffer performed an unannounced inspection of Master Precision Mold Technology (MPM). They first arrived in the site vicinity at about 9:45 AM, Friday July 22, 2016. No facility odors or visible emissions were observed.

Address: 1212 Fairplains St.
P.O. Box 190
Greenville, MI 48838, USA

Phone: +1.800.354.3170
+1.616.754.5483

Fax: +1.616.754.7733

email: mpm@masterprecision.com

AQD staff initially met with Mr. Stephen Drake (President). SL announced his intention to inspect the facility and provided the DEQ "Rights and Responsibilities" brochure. Mr. Drake provided a facility tour. The facility provides a variety of precision molding solutions to the casting industry; it is a tool and die shop. They manufacture molds from steel, aluminum and graphite.

They have a number of Computerized Numerical Cutting (CNC) machining stations, mills, drills, grinders, etc. Particulate emissions from these operations are variously controlled with local water baths, enclosures, local filtration, and (for all machines) a mechanical tri-cyclone with filtration. Collected materials are drummed, and this entire collection is housed in an ancillary shelter. Conditions of the equipment and shelter were clean. Cleaned emissions are released back into the in-plant environment. These operations are exempt per Rule 285(l)(vi) (B).

They have approximately four (4) plastic injection machines remaining on site. Operations are minimal; generally test parts/mold trials are produced. These operations are exempt per Rule 286.

On this date, SL also asked about mold release agent(s) and parts cleaning/degreasing operations. Mr. Drake preferred to consult either Mr. Sarkozi or maintenance personnel regarding these matters; but both were unavailable at this time (vacation.) SL declared his intention to return on Tuesday, July 26 in order to follow up on these and any other questions.

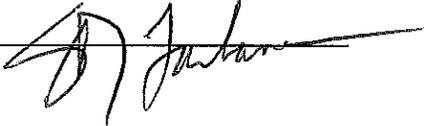
The same AQD staff returned to the facility at about 12:15 PM, Tuesday July 26, 2016. Again, no odors or visible emissions attributable to the facility were noted. Mr. Blaine Sarkozi (Production Manager) escorted AQD staff on this date and provided further information regarding the dust collection system and site operations.

The facility uses a material called "ZIP" as a mold corrosion protection film. A Material Data Sheet is attached. This waxy material is applied via aerosol can; this is exempt per Rule 287 (b).

A single degreaser was observed. It was closed while not in use. It provides neither heating nor agitation. It utilizes mineral spirits which are reclaimed/managed by an outside contractor. It has a surface interface of less than 10 square feet. This unit appears to be exempt per Rule 281(h). SL provided a couple of DEQ "stickers" for such cleaning operations to be posted by the machine.

Prior to leaving the site, SL stated to both Mr. Drake and Mr. Sarkozi that MPM appears to be in compliance with applicable Michigan air pollution control laws and rules.

NAME



DATE

7/28/16

SUPERVISOR

