

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U19150065228336

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| FACILITY: Olympian Tool | | SRN / ID: U191500652 |
| LOCATION: 604 N. U.S. 27, St. Johns | | DISTRICT: Lansing |
| CITY: St. Johns | | COUNTY: CLINTON |
| CONTACT: Todd Deitrich, President | | ACTIVITY DATE: 01/15/2015 |
| STAFF: Michelle Luplow | COMPLIANCE STATUS: Compliance | SOURCE CLASS: MINOR |
| SUBJECT: Self-initiated, unannounced inspection | | |
| RESOLVED COMPLAINTS: | | |

Inspected by: Michelle Luplow

Personnel Present: Todd Deitrich (tdeitrich@olympiantool.com), President**Purpose:**

Conduct an unannounced, self-initiated compliance inspection by determining compliance with Michigan Air Pollution Control Rules.

Facility Background/Regulatory Overview:

It is unknown whether this facility has been inspected in the past. There are no records for this site in the Air Quality Division (AQD) MACES database. Todd Deitrich said that the facility designs and manufactures tools, dies, jigs, fixtures, etc for the automotive industry and is a parts supplier for F.C. Mason in St. Johns.

Inspection:

At approximately 8:30 a.m. on January 15, 2015, I met with Todd Deitrich, Olympian Tool's (Olympian) President. I explained to T. Deitrich that I was there to do an inspection because the AQD had never been there before and provided him with a DEQ "Environmental Inspections: Rights and Responsibilities" brochure to illustrate a typical inspection procedure, as well as a May 2012 Permit to Install Exemption handbook.

Exempt Equipment

Olympian has several PTI-exempt processes.

Onsite there are lathes, cutting/sawing, turning, CNC milling machines, and surface grinders. There are currently 4 dry surface grinders and 2 jig grinders that are externally vented to a Donaldson Torit Downflo Oval (DFO) 2-4 particulate control device (see attachment), as well as 3 OD grinders and 1 wet surface grinder vented to the in-plant environment. The lathes, CNC milling machines and the OD and wet surface grinders are exempt from a permit to install per Rule 285(l)(vi)(B) because they all release emissions only to the general in-plant environment.

The remaining surface grinders that are externally vented are exempt per Rule 285(l)(vi)(C) for specified metal operations that have externally vented emission controlled by an appropriately designed and operated fabric filter preceded by a mechanical precleaner. Each of these grinders has local exhaust units that catch the finer particulate being grinded off steel parts. The larger particulate is not captured in this system (as evidenced by the residual dust on and around the equipment) and would therefore be considered mechanically removed from the air stream, thus meeting this exemption condition.

Currently Olympian is in compliance with all state and federal regulations at this time.

NAME

Michelle M. Luplow

DATE

1-23-15

SUPERVISOR

J.M.