

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

B895124266

FACILITY: ROCK TOOL & MACHINE		SRN / ID: B8951
LOCATION: 45145 FIVE MILE RD, PLYMOUTH		DISTRICT: Detroit
CITY: PLYMOUTH		COUNTY: WAYNE
CONTACT: Jim Chamberlain , Quality & Environmental Control Manager		ACTIVITY DATE: 02/07/2014
STAFF: Usama Amer	COMPLIANCE STATUS: Pending	SOURCE CLASS: MINOR
SUBJECT: Inspection of a Minor Source		
RESOLVED COMPLAINTS:		

On February 7, 2014, I conducted a Scheduled Inspection at Rock Tool & Machine (source), located at 45145 Five Mile Rd., Plymouth, Wayne County. The purpose of the inspection was to determine whether the source was present and operating at the said location. The inspection was also to determine the source's compliance status with the State and Federal Air Quality Rules & Regulations. Mr. Jim Chamberlain, Quality & Environmental Control Manager, represented the source during the inspection.

THE INSPECTION

- The last time this source was inspected by the AQD staff was in December, 2008.
- The source is a metal, mainly steel, machinery manufacturing facility for the auto industry.
- The source runs the following operations and process equipment:
 1. Assembly processes
 2. High pressure water deburring (blasting) machines
 3. Steel welding – This is exempt from the provisions of R201 by the provisions of R285 (i).
 4. C & C Lathe Mills & Grinders
 5. Manual Grinders
 6. Steel cutting
 7. Metal spray painting
 8. Storage and delivery
- The source employs about 35 people, and operates a 1 -10 hr shift per day and 5 days per week

- Spray Painting Process:

The source does not conduct the painting process. A painting contractor has been hired to conduct painting, pursuant to machine purchaser specifications. The contractor usually builds an enclosed booth out of plastic sheets and covers the floor with industrial paper prior to painting. The source contracts on an average 2 machines per month for painting. The machine sizes vary from large to small; thereby, it's very hard to estimate paint usage on a monthly basis. Mr. Chamberlain reported manufacturing and painting 16 machines for 2013. He added that 90% of the paint used is water based.

There are no stacks coming out of the source's manufacturing shop.

Records of the paint usage and copies of their MSDS shall be submitted by the end of the week of 2/10/14.

CONCLUSION

None of the above operations or process equipment appeared to be subject to provisions of R201. However, a review of the source's paint usage and copies of their MSDS shall be conducted upon their receipt to determine the applicability of R201.

NAME Sam AmerDATE 2/14/14SUPERVISOR Wm