

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

B228548138

FACILITY: ACE DRILL CORP		SRN / ID: B2285
LOCATION: 2600 E MAUMEE, ADRIAN		DISTRICT: Jackson
CITY: ADRIAN		COUNTY: LENAWEE
CONTACT:		ACTIVITY DATE: 03/12/2019
STAFF: Brian Carley	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced targeted inspection		
RESOLVED COMPLAINTS:		

Contact: Dennis Proffitt
Phone: 517-265-5184
Email: acedrill@TC3net.com

Stephanie Weems (AQD – Jackson District) and I arrived at the facility and met with Dennis Proffitt. Ace Drill manufactures standard and custom drill bits, drill and reamer blanks, drill rods, and taper routers. There are only four employees in total at this facility and they currently do not have any permits. The last time this facility was inspected was September 23, 2009.

We met Dennis and explained the purpose of our visit. I asked him about the equipment that is still being used here. He told me that they mainly do grinding and fluting here. They do have a natural gas/electric heat-treating oven that they use 2 to 3 times a year. They have two Smog Hogs (ESPs) installed on the main machine that they use for the oil applied while grinding that is vented back into the plant. If a product needs a coating, they send it to another company off-site. They no longer have the vapor degreasers on site. Based on the information and what I saw in the plant, the activities done here are exempt from needing a permit-to-install per Rules 282(2)(a)(i) and 285(2)(l)(vi)(B) for the heat treat oven and the grinding activities respectively (see below).

R 336.1282 Permit to install exemptions; furnaces, ovens, and heaters.

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- (2) The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following:
- (a) Any of the following processes or process equipment which are electrically heated or which fire sweet gas fuel or no. 1 or no. 2 fuel oil at a maximum total heat input rate of not more than 10,000,000 Btu per hour:
 - (i) Furnaces for heat treating or forging glass or metals, the use of that does not involve ammonia, molten materials, oil coated parts, or oil quenching.

R 336.1285 Permit to install exemptions; miscellaneous.

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- (2) The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following:
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- (l) The following equipment and any exhaust system or collector exclusively serving the equipment:
 - (vi) Equipment for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, sand blast cleaning, shot blasting, shot peening, or polishing ceramic artwork, leather, metals, graphite, plastics, concrete, rubber, paper board, wood, wood products, stone, glass, fiberglass, or fabric which meets any of the following:
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 - (B) Equipment that has emissions that are released only into the general in-plant environment.

I determined that they were complying with AQD rules and regulations. We thanked him for his time and left.

NAME Brian Carley DATE 4/9/19 SUPERVISOR [Signature]