

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

U63150129528628

FACILITY: Arobotech Systems, Inc.		SRN / ID: U631501295
LOCATION: 1524 E. Avis Drive		DISTRICT: Southeast Michigan
CITY: Madison Heights		COUNTY: OAKLAND
CONTACT: Jack C. Conner, Chief Financial Officer		ACTIVITY DATE: 02/25/2015
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self-Initiated Inspection		
RESOLVED COMPLAINTS:		

SRN: U631501295

COMPANY NAME: Arobotech Systems, Inc.

COMPANY ADDRESS: 1524 E. Avis Drive, Madison Heights, MI 48071

PURPOSE OF INSPECTION: Self-Initiated Inspection

CONTACT PERSON: Mr. Jack Conner, Chief Financial Officer (Ph: 248-588-9080; Fax: 248-588-9370; E-mail: jconner@arobotech.com)

COMPANY PHONE NUMBER: 248-588-9080

On February 25, 2015, AQD staff, Erik Gurshaw, conducted a self-initiated, unannounced inspection at Arobotech Systems, Inc. located at 1524 E. Avis Dr. in Madison Heights, Michigan. The purpose of the inspection was to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) Rules.

Upon arriving at the facility, AQD staff introduced themselves and stated the purpose of the visit to Mr. Jack Conner, Chief Financial Officer. Mr. Conner indicated that Arobotech Systems operates from 5:00 AM until 4:30 PM Monday through Friday and occasionally on Saturday when necessary. 26 people are currently employed by the company.

Arobotech Systems designs and manufactures steady rests for the grinding and turning industry. The majority of the company's clients are international companies located overseas, but the company also does some work for the automotive industry. Steady rests are fixtures which provide rigidity and stability to cylindrical parts during the grinding process.

The company designs steady rests from blueprints provided by the client. Once a particular steady rest has been designed, the company machines 8620 steel blocks which have already been cut to size in one of its 4 CNC mills. After being machined in the CNC mills, some of the resulting parts are sent to another company to be heat treated to increase the hardness of the part. After the CNC mill and heat treating stage, the parts are further modified in one of the company's 5 surface grinding machines. Some of the parts are sent to another company after the surface grinding stage to have a rust prohibitive black oxide layer applied to them. After the surface grinding/black oxide layer application stage, the resulting parts are assembled into the final product. Once the parts have been assembled into the final product, they are checked for quality control and assurance purposes prior to being sent to the customer.

Equipment at the company includes the following: 4 CNC mills; 5 surface grinders; 1 lathe; 2 Bridgeports; 1 outside diameter grinder (used for the minor modification of parts after the surface grinding stage); 1 portable MIG welding machine; and 2 parts washers serviced by Crystal Clean. All of the company's metalworking machinery vents to the general plant environment and is exempt from Permit-To-Install (PTI) requirements pursuant Rule 285(l)(vi)(B). The company has an internal dust collection system which controls particulate emissions from the metalworking machines within the plant, however. The MIG welding machine also vents to the general plant environment and is exempt from PTI requirements pursuant Rule 285(i). The parts washers are exempt from PTI requirements pursuant Rule 281(h) and use an aqueous based cleaning solvent which contains no hazardous compounds. It was determined that the parts washers are being properly operated and maintained during the inspection.

As a result of this inspection, it was determined that Arobotech Systems, Inc. is in compliance with all applicable air rule and regulations. The MSDS sheet for the cleaning solvent used in the parts washers is attached to this report.

NAME Erik Durshaw

DATE 2/26/15

SUPERVISOR CTE