

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

U63150141528699

FACILITY: QCR Tech		SRN / ID: U631501415
LOCATION: 1605 E. Avis Drive, Madison Heights		DISTRICT: Southeast Michigan
CITY: Madison Heights		COUNTY: OAKLAND
CONTACT: Michael Withee , Chief Financial Officer		ACTIVITY DATE: 02/25/2015
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self-initiated Inspection		
RESOLVED COMPLAINTS:		

SRN: U631501415

COMPANY NAME: QCR Tech, LLC

COMPANY ADDRESS: 1605 E. Avis Drive, Madison Heights, MI 48071

PURPOSE OF INSPECTION: Self-Initiated Inspection

CONTACT PERSON: Mr. Michael Withee, Chief Financial Officer (Ph: 248-597-3984; Fax: 248-597-3992; E-mail: mwithee@qcrtech.com)

COMPANY PHONE NUMBER: 248-597-3984

On February 25, 2015, AQD staff, Erik Gurshaw, conducted a self-initiated, unannounced inspection at QCR Tech, LLC located at 1605 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. Michael Withee, Chief Financial Officer. Mr. Withee indicated that QCR Tech operates two shifts from 6:00 AM until 11:00 PM Monday through Friday and one shift from 6:00 AM until 4:00 PM on Saturday. 45 people are currently employed by the company.

QCR Tech designs and manufactures aluminum and steel checking fixtures. Checking fixtures are engineering aids which enable automotive companies to quality assure and test the dimensions of exterior and interior plastic and steel parts. The company's clients include all of the major automotive manufacturers.

The company designs checking fixtures from a blueprint provided by the client. Once a particular checking fixture has been designed, the company orders the raw materials necessary to manufacture the fixture. Raw materials include raw aluminum, raw steel, clamps, bushings, tooling balls, nylon, casted steel, and casted aluminum. Once raw steel and aluminum arrives at the facility, it is machined in Bridgeports and CNC machines. After being machined, the corresponding parts are assembled into the final product. Once the final product has been assembled it is checked for quality assurance purposes in the company's CMM room before being sent to the customer. The facility also has lathes, band saws, drill presses, and grinders which are used to modify steel and aluminum parts when necessary. All of the facility's metalworking machines vent to the general plant environment and are exempt from Permit-To-Install (PTI) requirements pursuant Rule 285(I)(vi)(B). In addition to the metalworking machinery, the company has a MIG welder and a paint spray booth. The MIG welder exhausts to the general plant environment and is exempt from PTI requirements pursuant Rule 285 (i). The paint booth is used on a limited basis to provide a coating to some of the checking fixtures it produces. Mr. Withee estimated that less than 5 gallons of paint is used in the paint booth per month. AQD staff asked Mr. Withee to provide paint purchase records from August 2014 through February 2015 and to immediately begin recording actual paint usage for the paint booth. Based on the low amount of paint used in the paint booth, it is exempt from PTI requirements pursuant Rule 287(c). AQD staff verified that the paint booth's filters were properly installed and maintained during the inspection. Mr. Withee indicated that the filters are changed as needed. The booth exhausts vertically unobstructed to the ambient air.

As a result of this inspection, it was determined that Brasco International, Inc. is in compliance with all applicable air rule and regulations. Paint purchase records from July 22, 2014, through February 25, 2015, are attached to this report. The purchase records indicate that 42 gallons of paint were purchased by the company from July 22, 2014, through February 25, 2015.

NAME Erik Gurshaw DATE 3/6/15 SUPERVISOR CJE