

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

N703326712

FACILITY: Automation & Modular Components, Inc.		SRN / ID: N7033
LOCATION: 10301 Enterprise Drive, DAVISBURG		DISTRICT: Southeast Michigan
CITY: DAVISBURG		COUNTY: OAKLAND
CONTACT: Richard Shore Jr , Chief Financial Officer		ACTIVITY DATE: 07/21/2014
STAFF: Francis Lim	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Inspection		
RESOLVED COMPLAINTS:		

Fabricating Engineers, Inc. with an address of 10301 Enterprise Drive, Davisburg , Michigan, is scheduled for a compliance inspection for fiscal year 2014. When I arrived at the site, there is a new facility, Automation & Modular Components, Inc. occupying the building.

On July 21, 2014, I conducted an inspection at Automation & Modular Components, Inc. 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) Administrative Rule.

Mr. Richard Shore, Jr., Chief Financial Officer (248-922-4740), represented the facility during the inspection.

AMC is a supplier of modular conveyor systems. The facility produces conveyor systems for numerous applications and industries including appliance, automotive, consumer products electronics, food, and glass. Mr. Shore explained that AMC bought the building from a bank eight years ago (foreclosure sale).

The manufacturing operations at the site are mainly extrusion of aluminum conveyor parts. Aluminum extrusion is done in a variety of CNC extrusion machines. CNC means computer numerical control, where a computer plays an integral part of the control of the machines. The CNC machines are controlled by a baghouse which collects the metal shavings. The baghouse exhaust indoors, therefore exempt from permits (Rule 286(l)(vi)(B)). The machine coolant is a synthetic based oil called Trim Microsol 685. Each machine has its own supply of coolant. The coolant level is topped off as needed. A bacteriacide was previously added, but they stopped using it since they feel it was not necessary. An odor abatement tablet is added to the coolant. The coolant is completely drained and replaced once a year and the reservoir cleaned. During the inspection, I did not notice any odor from the machine coolant.

There are also cutting, grinding and a self-contained blasting equipment. The cutting equipment is also controlled by a baghouse that emits indoors. There is also a small welding operation at the site (exempt, Rule 285(i)).

Facility operates a paint spray booth where only paint spray cans are used (exempt, Rule 285(hh)). This booth is used occasionally. Dry filters were not properly installed. This was called to the attention of Mr. Shore.

The aluminum metal components are not washed on site. A small squirt bottle of degreaser is occasionally used to clean the parts.

This facility is a minor source of air pollution.

Permit to Install No. 209-01 for a miscellaneous metal parts coating process issued to Fabricating Engineers will be voided.

NAME J. A. J. DATE 10-30-14 SUPERVISOR CJE

