

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

U6314034224121

FACILITY: Granby Mold, Inc.		SRN / ID: U63140342
LOCATION: 4380 Haggerty		DISTRICT: Southeast Michigan
CITY: Commerce Twp.		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 10/30/2013
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2014 Inspection of Granby Mold, Inc. ("Granby"), located at 4380 Haggerty, Commerce Twp., Michigan 48390-		
RESOLVED COMPLAINTS:		

Granby Mold, Inc. (U-63-14-0342)
4380 Haggerty
Commerce Twp., Michigan 48390-

Phone: (248) 624-8900
Fax: (248) 624-66900

Permit-to-Install: Rule 285 exempt process equipment.

On October 30, 2013, I conducted a level 2 self-initiated inspection of Granby Mold, Inc. ("Granby"), located at 4380 Haggerty, Commerce Twp., Michigan 48390-. The inspection was conducted to determine compliance with the Federal Clean Air Act, Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451 and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

For over three decades, Granby designed, built and serviced molds for primarily automotive industry. Molds are made of variety of materials: steel, aluminum, wax, wood, carbon, etc. Granby operates its business in two adjacent buildings. 7 CNC machines, 3 grinding machines are present. Molding machines are used only for testing.

Building No. 1

CNC machines use coolant that sprays onto the part being cut so that both part and cutting tool are maintained cool protecting from heat of friction.

Three grinding machines are equipped with Torit dust collectors; one for each machine. In addition, one wet-grinding machine is present.

One lathe one manual milling machines are present.

Building No. 2

Six CNC machines are present. Each machine is equipped with Donaldson Torit dust collector that uses shaking mechanism for cleaning filters. Some CNC machines use both dry and wet cutting methods. When parts are cut dry, particulate emissions are ducted to the filters (cartridge). The particulate matter is collected in 10-gallon cans; one can for each dust collector.

One molding machine for testing purposes is present.

One small sand-blast machine with dust collector is present.

The machines are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285 (l). Upon filtration for particulate matter / mist, all exhaust air is released to in-plant environment.

Cutting tool coolant is water-based chemical emulsion.

Conclusion

The machines are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285.

NAME J.S. McManahall DATE 1/21/2014 SUPERVISOR CJE