

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

U50200118652876

FACILITY: Hard Milling Solutions		SRN / ID: U502001186
LOCATION: 107 Peyerck Court, Romeo		DISTRICT: Southeast Michigan
CITY: Romeo		COUNTY: MACOMB
CONTACT:		ACTIVITY DATE: 03/12/2020
STAFF: Kerry Kelly	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT:		
RESOLVED COMPLAINTS:		

On March 12, 2020, I (Kerry Kelly, EGLE-AQD) conducted an unannounced self-initiated inspection at Hard Milling Solutions, Inc (HMS) located at 107 Peyerck Court, Romeo, Michigan. The purpose of this inspection was to determine the facility's compliance with the requirements of the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); and Michigan's Air Pollution Control Rules.

I arrived at HMS at approximately 1:30 PM March 12, 2020. In the reception area I met with Mr. Corey Greenwald, President. I introduced myself to Mr. Greenwald, showed him my photo credentials, and stated the purpose of my visit. Mr. Greenwald explained the type of work performed at HMS, showed me the area where the work takes place, and answered questions.

General Information

HMS machines molds, dies, and precision parts made of various metals and alloys including steel, aluminum, brass, bronze, and zinc. Regular hours of operation are Monday – Friday 8:00 am to 5:00 pm.

Metal Fabricating Process

During the facility walk through, I observed metal fabrication activities such as cutting, routing, drilling, and machining. I saw 8 Makino metal cutting machines, one self-contained sand blasting unit, a drill, a grinder, and a cold cleaner.

Emissions from all of the equipment I observed was released to the general in-plant environment. Emissions from some equipment, including the grinder, are ducted to a Torit baghouse which vents back into the general in-plant environment. The Makino machines, grinder, drill, and sand blast unit appear to be exempt from the requirement in Rule 201 to obtain a permit to install per Rule 285(2)(l)(vi) because the equipment is used for cutting, drilling, machining, surface grinding, and sand blast cleaning metal and the emissions are released only into the general in-plant environment.

The cold cleaner I inspected at HMS has an air/vapor interface of approximately 6 square feet. Graymills Super Agitene 141 is the solvent used in the cold cleaner. Super Agitene 141 contains mostly petroleum distillates (greater than 97%). During the inspection, the lid was closed. Inspecting the cold cleaner I noticed a device inside used for draining cleaned parts. Waste solvents were covered. Mr. Greenwald posted the cold cleaner operating instructions I gave him in an accessible, conspicuous location near the cold cleaner. The cold cleaner appears to be exempt from the requirement in Rule 201 to have a permit to install per Rule 281(2)(h). HMS appears to be operating the cold cleaner in compliance with Rule 707.

Conclusion

Based on observations and information obtained during this inspection, HMS appears to be in compliance with air quality standards applicable to the source.

NAME K. KellyDATE 3/20/20SUPERVISOR Joyce