

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

P100254716

FACILITY: Van der Graaf Corporation		SRN / ID: P1002
LOCATION: 13771 Cavaliere Drive, SHELBY TWP		DISTRICT: Warren
CITY: SHELBY TWP		COUNTY: MACOMB
CONTACT:		ACTIVITY DATE: 07/01/2020
STAFF: Joe Forth	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Virtual Inspection		
RESOLVED COMPLAINTS:		

On July 1st, 2020, AQD staff Joseph Forth conducted a scheduled targeted inspection at Van der Graaf Inc. located at 13771 Cavaliere Drive, Shelby Township, Michigan. The purpose of the inspection was to determine facility's compliance with the Federal Clean Air Act; and Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451 and Permit to Install (PTI) No. 162-19.

This inspection was conducted virtually, I spoke with Mr. Jason Kanaris, Production Manager. I introduced myself, stated the purpose for the inspection, and presented my credentials.

Van der Graaf manufactures drum motors and conveyor systems for various industries such as: food, pharmacy, coal mining, and airports. The facility has approximately 18 employees. The hours of operation are Monday-Friday 7:30-3:45pm. The company has just recently moved to this address in the past 12 months. The facility has a variety of different machines used for their work. The machining equipment includes lathes, CNC machines, and vertical mills. There are small amounts of wood working done. Both wood and metal work are vented to the in-plant environment and thus exempt from permitting per R285 (2)(l)(vi)(B). The facility also has a powder coating booth controlled by dry filters on the back wall, this process also exhausts to the in-plant environment. The powder coating booth appears to be exempt from permitting per R287(2)(d).

There is also a cold cleaner in the building. The cold cleaner does not appear to use any VOC containing solution or contain any Hazardous Air Pollutants (HAPs), but an alkaline detergent. The SDS for the detergent is in the physical file in the Warren AQD office. The cold cleaner appears to be exempt from permitting per R281(2)(h).

The facility has a permitted curing oven used to cure urethane on metal parts. During the inspection, Mr. Kanaris stated that the oven was being planned on getting phased out of their production process. Van der Graaf is interested in installing a burn-off oven. I instructed Mr. Kanaris that they must contact the permit section and get a permit for the burn-off oven if they wish to install it.

Compliance

All records collected were provided electronically and are located in: S:\Air Quality Division\STAFF\Joe Forth\P1002 Van der Graaf FY20 Inspection

PTI No. 162-19

EUCUREOVEN

II.1 The permittee process less than 100 batches between September 2019 and August 2020. The facility noted on the temperature graphs the date of each batch. I instructed Mr. Kanaris that if they continue to use the equipment in the future to create a separate document to keep track of the number of batches processed.

IV.1 The curing oven is equipped with a device to monitor and record the temperature of the oven. Copies of the temperature graphs were provided.

VI.1 The permittee appears to be keeping all required records available upon request.

VI.2 The permittee provided the SDSs for the materials processed in EUCUREOVEN.

VI.3 The permittee must keep the following information on a monthly basis for EUCUREOVEN:

- a) Number of batches processed per calendar month.

b) Number of batches processed per 12-month rolling time period as determined at the end of each calendar month.

The facility was not technically keeping track of the number of batches per month but were keeping track of each batch. I will use discretion not to issue a violation, and instructed Mr. Kanaris to keep track of the number of batches moving forward.

VII Mr. Kanaris provided photos of the exhaust stack for EUCREOVEN showing it is unobstructed.

Conclusion

Van der Graaf Inc. appears to be operating in compliance with the Federal Clean Air Act; and Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451 and Permit to Install (PTI) No. 162-19.

NAME

Frank M. Smith

DATE

9-28-20

SUPERVISOR

Sebatianng Kalumbeal