

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

P100259110

FACILITY: Van der Graaf Corporation		SRN / ID: P1002
LOCATION: 13771 Cavaliere Drive, SHELBY TWP		DISTRICT: Warren
CITY: SHELBY TWP		COUNTY: MACOMB
CONTACT:		ACTIVITY DATE: 06/14/2021
STAFF: Joe Forth	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: On-site Inspection		
RESOLVED COMPLAINTS:		

On June 14, 2021, I, 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.

I arrived at the facility and met 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 7:30am-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, 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 detergent has not changed and the SDS for it is in the physical file in the Warren AQD office. The cold cleaner appears to be exempt from permitting per R281(2)(k).

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 has a burn-off oven on site, that is not installed but is being stored at the facility. Mr. Kanaris has stated the facility is working on shipping the oven to their Canadian facility. I asked him to notify me when the equipment has been completely removed.

Compliance

All records collected were provided electronically and are located in: S:\Air Quality Division\STAFF\Joe Forth\P1002 Van der Graaf FY21 Inspection

PTI No. 162-19

EUCUREOVEN

II.1 The permittee has not operated the process since the last inspection. I've included the provided records from last inspection. The facility processed 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 SDS for the material 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.

During the last inspection the issue was noticed that the facility was not specifically counting the number batches, but because the amount was so few per month and per year, I did not issue a violation, and the facility has not used it since last inspection so again I will not look to issue violation for this discrepancy. If in the future the equipment reaches high levels of production, Van der Graaf will be expected to keep track of the number of batches.

VII The exhaust stack for EUCUREOVEN vents vertically 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 Joseph M. Furtak

DATE 07/30/21

SUPERVISOR K. Kelly