

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

N219365445

FACILITY: Dobb Printing		SRN / ID: N2193
LOCATION: 2431 South Harvey Street, MUSKEGON		DISTRICT: Grand Rapids
CITY: MUSKEGON		COUNTY: MUSKEGON
CONTACT: Jim Dobb ,		ACTIVITY DATE: 11/03/2022
STAFF: Scott Evans	COMPLIANCE STATUS: Compliance	
SUBJECT: On Site inspection to assess compliance with air quality regulations.		SOURCE CLASS: MINOR
RESOLVED COMPLAINTS:		

Introduction

On November 3, 2022, State of Michigan Department of Environment, Great Lakes, and Energy Air Quality Division (AQD) staff member Scott Evans (SE) conducted an air quality inspection of the DOBB Printing facility located at 2431 South Harvey St. in Muskegon, Michigan, to assess compliance with air quality rules and regulations. This facility is classified as a minor source of criteria air pollutants and has no active permits to install (PTIs). This is a printing facility that produces paper products including calendars, menus, postcards, and catalogues.

Inspection

Upon arrival at the facility, there were no observed odors or visible emissions during an initial inspection of the facility perimeter. After entering the facility, SE was greeted by Jim Dobb (JD). After a brief discussion of the purpose of the visit, an inspection of the facility interior was conducted.

This facility has four large Heidelberg, sheet-fed, lithographic printing presses (though only three were in operation during the inspection) and two small Chief presses. All emissions are released through exhaust stacks. These machines operate under PTI exemption Rule 290. The facility maintains ink purchase data that was reviewed, and it was found that the facility uses an average of 865 lbs. of all inks combined per month. This demonstrates that the facility must be compliant with exemption Rule 290(2)(a)(i) limit of 1000 lbs. of uncontrolled emissions as ink usage emissions cannot possibly exceed the ink usage rates. In addition, SDSs were provided for all inks used at the facility, demonstrating that emissions of criteria air pollutants are well below the weight of used ink for all inks at the facility. The facility has been advised to start maintaining monthly use records for Rule 290 exemption demonstration moving forward.

The facility also operates binding and gluing processes to assemble things such as catalogues. The glue use for these operations is by hand and utilizes about 2-3 gallons per year total. This is well below 2 gallons per day, which is the limit established in exemption Rule 287(2)(a).

The facility has a laser image etcher for plate production for the presses. This laser is exempt under Rule 285(2)(l)(vi)(B).

The facility has a digital printer that utilizes toner cartridges. This printer is exempt under Rule 285(2)(l)(vii)(B).

The facility has a cold cleaner that is smaller than 10 ft² in surface area. This equipment is exempt under Rule 281(2)(h).

Conclusion

At the time of this inspection the facility appeared to be compliant with all applicable rules and regulations.

NAME Scott Evans

DATE 11/17/2022

SUPERVISOR SH