

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

U4114040824160

FACILITY: Imperial Graphics		SRN / ID: U41140408
LOCATION: 3100 Walkent Drive		DISTRICT: Grand Rapids
CITY: Grand Rapids		COUNTY: KENT
CONTACT: John Calvetti , Plant Manager		ACTIVITY DATE: 01/14/2014
STAFF: Jenifer Dixon	COMPLIANCE STATUS: Compliance	SOURCE CLASS: <i>MINOR</i>
SUBJECT: The purpose of this inspection was to conduct a self-initiated inspection and to determine compliance status with respect to all applicable Air Quality Rules and Regulations. The facility does not currently have any Air Quality permits, but does utilize some Rule 201 permitting exemptions.		
RESOLVED COMPLAINTS:		

This was an unannounced inspection. A copy of the "Environmental Inspections: Rights and Responsibilities" was supplied.

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JD arrived in the area of the facility at 1:00PM and left at approximately 1:50PM on January 14, 2014. No excess odors or opacity were observed during the inspection time. Mr. John Calvetti, Plant Manager, and Mr. Don Veenstra, Maintenance, provided pertinent information regarding the facility and the operations contained therein.

Imperial Graphics (Imperial) is an offset lithographic and digital print shop. Imperial has three digital printers and three sheet-fed lithographic printers that vent to the in-plant environment. The digital printers are exempt from Rule 201 permitting requirements under Rule 285(l)(vii).

The lithographic printers are rotary presses that are able to run four colors at one time. According to Mr. Calvetti, four colors are seldom used at one time. Two of the presses are 11 inch presses and one is a 14 inch press. The materials used on the presses are inks, fountain solution, and a solvent is used to clean the rollers on the printer.

During the inspection, there were no records of material usage readily available. JD requested that the usages for the previous twelve months be calculated and submitted for review, along with the MSDS for the inks, fountain solution, and cleaning solvent. JD also discussed with Mr. Calvetti Imperial's obligations regarding AQD's rules and regulations. These include some amount of recordkeeping and possibly a permit depending on the quantity of materials used on the lines. In order to establish a baseline, JD provided Mr. Calvetti with the "PERMIT TO INSTALL EXEMPTION RECORD FOR LITHOGRAPHIC PRINTERS" developed by the DEQ to aid small printing companies with record keeping. Mr. Calvetti has used this to estimate actual monthly emissions.

Mr. Calvetti has submitted the requested information. The ink usage at the facility appears to be minimal – Based on the records submitted as well as discussions regarding operations at the facility, the three lines are exempt from Rule 201 permitting requirements under Rule 290. The facility appear to be operating significantly below this limit, however monthly records will have to be kept going forward to show continued compliance.

NOTE: Please see attached records for more specific information.

The facility also has a baler that is used to collect leftover parts of the paper after trimming. The baler has an internal baghouse and an external cyclone. The control portions of this process appeared to be well maintained with no paper litter on the ground surrounding it. The baler must be manually turned on and is only used when the lithographic printers are printing and trimming. This process is exempt from Rule 201 permitting requirements under Rule 285(l)(vi)(C).

Based on observations made at the time of the inspection and subsequent records review, Imperial appears to be correctly utilizing Rule 201 exemptions and is in compliance with all applicable Air Quality rules and regulations. No further action is necessary at this time.

NAME 

DATE 1/27/14

SUPERVISOR PAB