

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

U4113227323403

FACILITY: Swift Printing & Communications		SRN / ID: U41132273
LOCATION: 404 Bridge Street NW, Grand Rapids		DISTRICT: Grand Rapids
CITY: Grand Rapids		COUNTY: KENT
CONTACT: James Van Stee II		ACTIVITY DATE: 10/09/2013
STAFF: Denise Plafcan	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self Initiated inspection of a lithographic and digital printer		
RESOLVED COMPLAINTS:		

Denise Plafcan (DP) conducted an unannounced self-initiated inspection to determine compliance with Air Quality rules and regulations. DP drove around the area prior to entering the facility. There were no odors, fugitive emissions or opacity noted from the facility. DP met with Jim Van Stee II and explained the purpose of the inspection and reviewed the Environmental Inspection brochure. Jim wanted to discuss the inspection with the owner before allowing access. Since Jim was unable to reach the owner, DP elaborated on the details of what was involved with the inspection, records and MSDSs that would need to be submitted. DP also explained that MDEQ received an ECR request for information from the city and since we did not have a record of the plant an inspection was conducted. Jim agreed to the inspection and was also the escort on inspection.

Swift Printing has been in business for over 30 years and has expanded with the addition of a digital printer that uses powder toner to print documents. They also have one 30 year old printer, a newer lithographic printer and a 4 stage color offset printer (these are all non-heatset units). Eight employees work 8 hours a day 5 days a week. Based on the operation it appears that a Rule 290 exemption for the lithographic printing operations may be appropriate and will be determined following receipt of the MSDSs and usage amounts from the supplier. The attached e-mail states they used less than 500 pounds of ink in 2012 and less than 12 gallons of press wash / fountain solution. Using the VOC emission calculation sheet for lithographic printers and the 2012 records provided the calculation comes out to be 104 pounds VOC/year (0.052 tons/year) and the potential to emit (PTE) is 0.22 tons/year. The calculation sheet is attached. Since the emissions are so low a formal Rule 290 determination was not conducted but it is obvious a Rule 290 exemption of 1000 pounds VOC/month is appropriate.

Based on the physical inspection and the attached records the company appears to be in compliance with state and federal rules and regulations and the use of a Rule 290 exemption.

NAME Denise Plafcan DATE 10-15-13 SUPERVISOR PMB

10/15/2013