

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

N302542371

FACILITY: Newsweb		SRN / ID: N3025
LOCATION: 1005 FAIRPLAINS AVE, GREENVILLE		DISTRICT: Grand Rapids
CITY: GREENVILLE		COUNTY: MONTCALM
CONTACT: Jeff Morris, Production Manager		ACTIVITY DATE: 11/16/2017
STAFF: Adam Shaffer	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Scheduled, unannounced inspection.		
RESOLVED COMPLAINTS:		

Air Quality Division (AQD) staff Adam Shaffer (AS) arrived at the facility at 11:30 am on November 16, 2017 to complete a scheduled, unannounced inspection. The weather conditions were partly cloudy, winds to the southeast at approximately 15mph and upper 30's°F.

Facility Description

Since the last inspection in 2008, Newsweb has changed names and is now known as Stafford. Stafford is a printing company and serves companies including Grand Rapids Business Journal, CM Life and Greenville Daily News. The site does not operate with a permit, but instead utilizes exemptions for all on site processes and equipment.

Compliance Evaluation

Prior to entering the facility, offsite odor and visible emission observations were completed. No odors or visible emissions were observed. Upon entering the facility AQD staff AS met Mr. Jeff Norris, Production Manager, who provided a tour of the facility, provided information regarding site operations, and select requested documents. Mr. Norris stated that since the last inspection no significant changes have occurred on site.

The following observations were made throughout the course of the inspection.

- One 4-color printing press was observed during the site inspection. Stafford had previously utilized the Rule 290 exemption during the last site inspection in 2008 for the printing press. Monthly emission records were requested and provided from October 2016 through October 2017. Minor errors were identified with the records provided and discussed with Mr. Norris. The corrected records were then resubmitted. Based on the records reviewed it appears that the printing press is exempt per Rule 290(2)(a)(i).
- Two ink jet printers were observed on site. When questioned on monthly usages for each pad printing unit, Mr. Norris stated that they were well within 200 gallons per month for each ink jet printer. Purchase records since October 2016 were provided for both ink jet printers and Mr. Norris stated that materials purchased are used. A total of 3.22 gallons of ink have been purchased since October 2016. The two ink jet printing units appear to be exempt per Rule 287(2)(c).
- Two stitch return and two inserter machines were observed on site. Trimmings from the stich return machines are captured in three fabric filters that were observed. Emissions are vented externally and collected waste goes into a bailer before it is recycled off site. The stitch return machines appear to be exempt per Rule 285(2)(l)(vi)(C).
- One cold cleaner was observed on site. At the time of the inspection a Safety Kleen representative was providing maintenance to the cold cleaner. It was verified that the cold cleaner utilizes mineral spirits. The cold cleaner air/vapor interface is less than 10 square feet and an operating procedure label was observed. The cold cleaner appears to be exempt per Rule 281(2)(h).
- One plate bender machine was observed that bends the aluminum plates used for printing. This machine appears to be exempt per Rule 285(2)(l)(i).
- One 2,500-gallon tank containing black ink, and three 500-gallon tanks containing cyan, yellow and magenta respectively were observed during the inspection. Material Safety Data Sheets (MSDS) were

requested and vapor pressure reviewed for the four ink colors. Based on the vapor pressures identified the four ink storage containers appear to be exempt per Rule 284(2)(i).

- One 500 KW backup diesel generator that was constructed in August 1978 was observed on site. The generator was verified by Stafford staff to be used for electrical power generation. The sulfur content in the diesel used is 15 parts per million (ppm). The generator appears to be exempt per Rule 282(2)(b)(ii). The diesel fuel tank observed appears to be exempt per Rule 284(2)(d). The emergency generator is potentially subject to 40 CFR Part 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants (HAPs) for Stationary Reciprocating Internal Combustion Engines. Since Stafford is an area source of HAPs, this standard applies. However, the MDEQ AQD has not been delegated enforcement of this standard by the EPA. Additionally, this generator is not subject to any New Source Performance Standards.

Conclusion

A final discussion was held with AQD staff and Mr. Norris. Based on the review of the records provided and the facility walk through, Stafford is following all applicable air pollution rules and regulations at this time.

NAME Adam E. Smith

DATE 1/04/18

SUPERVISOR [Signature]