

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

N656342642

FACILITY: Ultra Tech Printing Co		SRN / ID: N6563
LOCATION: 5851 Cross Roads Commerce Parkway, WYOMING		DISTRICT: Grand Rapids
CITY: WYOMING		COUNTY: KENT
CONTACT: Tom Gun , President		ACTIVITY DATE: 12/12/2017
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 10:55 am on December 8, 2017 to complete a scheduled, unannounced inspection. AQD staff AS initially met with Mr. Dale Sanborn, Graphics Manager. After speaking with Mr. Sanborn it was concluded that Ultra Tech Printing was not in operation (do not run on Fridays) and an inspection would be completed at a later date. AQD staff AS arrived on site at 9:10 am on December 12, 2017. The weather conditions were mostly cloudy, with temperatures in the upper teens.

Facility Description

Ultra Tech Printing is an ultra violet (UV) flexo printing operation company. 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 with Mr. Austin Piette, Production Manager, who provided a tour of the facility and provided information regarding site operations and select requested documents. AQD staff AS later met with Mr. Tom Gunn, President, and discussed further potential exemptions for on site processes. The company has never been inspected before so no comparison regarding changes to the facility could be completed.

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

- Six UV flexo printing presses were observed in operation during the site inspection. Ultra Tech Printing had initially, in 1999, applied for a permit for the six printing presses, but it was concluded that potential exemptions (specifically Rule 290) at the time could be used for the presses and the application was later voided. Additionally, one folder gluer machine that applies glue to products during assembly was observed. While speaking with Mr. Piette and Mr. Gunn they were initially unaware of exemptions for the printing presses. However, monthly usage rates for each UV printing press were discussed to determine if the 200 gallons per month limit for the Rule 287(2)(c) exemption per printing line could be met. Ultra Tech Printing staff stated that since October 2016 the highest monthly total usage for all six printing presses and the folder gluer machine was 103 gallons (October 2017) and the lowest monthly total was under 55 gallons. No water is mixed with the materials prior to use. This is well within the monthly limit per coating line of 200 gallons minus water. Monthly purchase records were requested and an excel sheet identifying totals was provided. Based on the records reviewed and information provided by Ultra Tech Printing, the six UV printing presses and one glue machine appear to be exempt from permitting per Rule 287(2)(c).
- Chemical storage of inks, adhesives, and solvents used for on site operations was observed. Containers ranged in size from 55-gallons to one gallon. No open containers were observed.
- One plastic plate making machine was observed on site. The plastic plates created are used for the flexo printing presses previously discussed. The plates are created by UV curing. The machine appears to be exempt per Rule 285(2)(I)(vii).
- A maintenance area including a band saw and drill press was observed. Equipment observed in the maintenance area appeared to be exempt per Rule 285(2)(I)(vi)(B).
- Approximately three furnaces for building heating purposes were observed during the inspection. The sizes of the three furnaces were from 107,000 Btu/hr to 3,000,000 Btu/hr. The three furnaces appear to

be exempt per Rule 282(2)(b)(i).

- One parts washer was observed on site. The parts washer, though stated by Mr. Piette to not be in use, appears to be exempt per Rule 281(2)(h).

Conclusion

Following the facility walk through, a final discussion was held between AQD staff AS, Mr. Gunn, and Mr. Piette. Based on the review of the records provided and the facility walk through, Ultra Tech Printing appears to be in compliance with applicable air pollution rules and regulations at this time.

NAME Adam E. Smith

DATE 1/2/18

SUPERVISOR [Signature]