

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

N656370460

FACILITY: Ultra Tech Printing Co		SRN / ID: N6563
LOCATION: 5851 Cross Roads Commerce Parkway, WYOMING		DISTRICT: Grand Rapids
CITY: WYOMING		COUNTY: KENT
CONTACT: Justin Noordeloos , General Manager		ACTIVITY DATE: 11/29/2023
STAFF: Dillon King	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled, unannounced inspection.		
RESOLVED COMPLAINTS:		

Air Quality Division (AQD) staff Dillon King (DK) and Chris Robinson (CR) arrived at the facility at 8:30 am on November 21, 2023 to complete an unannounced, scheduled inspection.

AQD staff DK initially met with Mr. Austin Piette, VP of operations. After speaking with Mr. Piette it was concluded that the appropriate Ultra Tech Printing staff were not available to escort staff through the facility but records could be retrieved and reviewed and the walk through would occur at a later date, which was November 29, 2023 at 1:05 pm.

Prior to entering the facility on November 29 visible emission and odor observations were completed. No odor or visible emissions were observed. The weather conditions were overcast, 32° F with a SW wind at 10 mph.

Upon entering the facility, AQD staff DK and CR met with Mr. Austin Piette, VP of operations, and Mr. Justin Noordeloos, General Manager, who escorted AQD staff through the facility and provided information regarding site operations and select requested documents.

### Facility Description

Ultra Tech Printing is an ultraviolet (UV) flexo printing operation company. The site does not operate with a permit, but instead utilizes exemptions for all on site processes and equipment. Since the last inspection in 2017 the facility added three new pieces of equipment and removed one of the original UV flexo printing presses as well as a plastic plate making machine from the facility.

### Compliance Evaluation

#### **Rule 201 Permitting Exemptions**

The new equipment observed was a dry-toner printer digital press, a slitter rewinder, and a die cutting system. The dry-toner digital press is a Mark Andy model D-Pro 3 and is vented into the general plant environment. The facility believes the equipment is exempt from Rule 201 permitting requirements under Rule 285(2)(I)(vii)(B). Both the slitter rewinder (Rotoflex VSI-400) and the die cutting system (Rotoflex DSI-330) are also vented into the general plant environment. The facility believes the equipment is exempt from Rule 201 permitting requirements under Rule 285(2)(I)(vi)(B). These assertions seem appropriate based on observations during this inspection.

Five UV flexo printing presses were observed in operation during the site inspection. Ultra Tech Printing had started the permit-to-install application process in 1999 for six printing presses, but the application was voided. The facility believes the presses are exempt from Rule 201 permitting

requirements under Rule 287(2)(c), which limits coating usage to 200 gallons per month per emission unit. The facility uses purchase orders to track combined usage and based on those records, the total usage for all six printing presses year-to-date was ~172.9 gallons with the highest monthly usage at ~36.3 gallons (October 2023), which is less than the 200-gallon/month limit. No water is mixed with the materials prior to use. Each press also has a dust collector to remove any foreign material from the product that is vented to the general plant environment.

One folder gluer machine that applies glue to products during assembly was also observed. The facility believes the process is exempt from Rule 201 permitting under Rule 287(2)(c) and provided coating usage information. The total usage for the gluer machine year-to-date was ~235.1 gallons with the highest monthly usage at ~57.3 gallons (July 2023), which is less than the limit of 200 gallons per month allowed by the Rule. No water is mixed with the material prior to use.

The facility also stores inks, adhesives, and solvents used for onsite operations. Containers ranged in size from 55-gallons to one gallon. No open containers were observed.

A band saw and drill press was observed in a maintenance area. Equipment observed appeared to be exempt per Rule 285(2)(l)(vi)(B).

Approximately three furnaces for building heating purposes were also 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 DK and CR, Mr. Noordeloos, and Mr. Piette. Based on the review of the records provided and the observations and discussions made during the facility walk through, Ultra Tech Printing appears to be in compliance with applicable air quality rules and regulations at this time.

NAME David A King

DATE 1/10/24

SUPERVISOR [Signature]