

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

U63240173271151

FACILITY: ASI Signage Innovations		SRN / ID: U632401732
LOCATION: 1119 Wheaton Avenue		DISTRICT: Warren
CITY: Troy		COUNTY: OAKLAND
CONTACT: Craig Breeden , President		ACTIVITY DATE: 02/06/2024
STAFF: Mark Dziadosz	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2024 Inspection		
RESOLVED COMPLAINTS:		

On Tuesday, February 6, 2024, I, Michigan Department of Environment Great Lakes and Energy-Air Quality Division staff Mark Dziadosz, conducted an unannounced inspection of ASI Signage Innovations, located at 1119 Wheaton Avenue, Troy, Michigan. A follow up inspection was also conducted on Tuesday, February 20, 2024. The purpose of these inspections was to determine the facility's compliance with the Federal Clean Air Act Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act of 1994, PA 451, as amended, and Michigan Department of Environment, Great Lakes and Energy (EGLE-AQD) Administrative Rules.

Facility Inspection

I arrived at ASI Signage Innovations at approximately 1:30 PM and met with Craig Breeden, President. Prior to entering the facility, I walked the vicinity upwind and downwind from the facility and did not detect any foul odors associated with the facility. According to Weather Underground, temperature was approximately 41 degrees Fahrenheit, and winds were 8-10 mph from the southeast. The facility operates Monday through Friday from 7-4:00 and has approximately 15 employees. The facility produces interior and exterior signs for a variety of organizations.

The facility has an approximately 6,000 square foot warehouse in addition to office space. The warehouse contains a paint booth. The paint booth has a magnehelic to monitor pressure drop. According to Craig, filters are changed once per week, however, if the pressure drop goes above -1 (in WC), it is time to change the filters. During inspection the filters appeared to be installed correctly. Lucas Elliott, paint technician, was able to show me new unused filters. All painting is done with HVLP spray guns. Spray guns are cleaned with solvent that is collected in a waste drum. Painting is done on panels (from 18" x 24" and up to 8 ft by 8 ft). Color batches are prepared as needed. According to Craig some batches can be as small as a couple of ounces. Craig estimated that he would use approximately 3 gallons of paint/primer/reducer maximum per week if painting at maximum capacity (or approximately 12-15 gallons per month). Onsite, Craig estimated he had approximately 100 gallons of coatings stored. I asked for the purchase records of coating for January 2024. The total coatings

purchased equaled 27 gallons. There is no oven associated with the spray booth. According to Lucas, the paints/primers are fast drying and will be dry to the touch within 15 minutes. There is radiant heating above the area where Lucas indicated the panels are dried. The temperature will sometimes be increased a couple degrees to help with drying (from 67 to 69°F). The coating line is exempt from the requirement to obtain a permit to install via R 336.1287(2)(c).

Conclusion

The facility is exempt from the requirement to obtain a permit to install and appears to be in compliance with the regulations of the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451).

NAME 

DATE 03/21/2024

SUPERVISOR 