

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

N219763062

FACILITY: ALBION INDUSTRIES		SRN / ID: N2197
LOCATION: 800 N CLARK ST, ALBION		DISTRICT: Kalamazoo
CITY: ALBION		COUNTY: CALHOUN
CONTACT: Jesse Fuller , Plant Facilities Engineer		ACTIVITY DATE: 05/23/2022
STAFF: Amanda Chapel	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT:		
RESOLVED COMPLAINTS:		

On May 23, 2022, Air Quality Division's (AQD) Amanda Chapel (staff) completed an unannounced air quality inspection of Albion Industries located at 800 N Clark Street, Albion, Calhoun County. The purpose of this inspection was to verify the facility was in compliance with all applicable air quality rules and regulations. The facility operates under exemptions. The last AQD inspection was on 6/29/2010 and the facility was in compliance at the time.

Staff arrived on site and proceeded into the lobby. Staff called multiple people on the provided phone list until a staff member answered. Staff identified themselves and said they were looking for someone who would be in charge of environmental compliance and I was directed to Mr. Jesse Fuller, Facilities Manager. Staff stated the purpose of the visit to complete an unannounced air quality inspection.

Mr. Fuller and I sat down in a conference room to discuss the facility's operations and things that have changed since the last inspection. The facility manufactures commercial and industrial casters. The general order of operations at the facility is as follows: the consumer places an order, the facility then fabricates the bearings and legs. If any plating is required by the consumer, that is sent out to be completed off-site and then shipped back to the facility. Once all the pieces are fabricated, plated, and painted, the facility then assembles the casters, greases them as needed, installs any extras like brakes, and ships them to the consumer. The facility has 52 employees and operates Monday to Friday from 6:30am to 4:00pm.

The last inspection identified machining operations such as grinders and presses which are not vented outside. These operations are still on site and are not vented outside. This is exempt by Rule 285(2)(l)(vi)(B). Also identified during the last inspection was a shot blast operation with an associated dust cabinet which contains approximately 48 filters which are changed every 6 months. This is run approximately 2 hours a day and was not running during the inspection. This is exempt by Rule 285(2)(i). Six welding stations with 3 exhausts and one robotic welder with an exhaust was also identified during the previous inspection. These are still present on site and are also exempt by Rule 285(2)(i).

The inspection in 2010 identified a small dip coating line and spray booth in operation. The facility no longer uses a dip coating line, and this has been removed from the facility. The spray booth is still present and in operation on site. It was not in operation during the inspection and the filters needed to be changed. Mr. Fuller said this is done as needed but the booth is used sparingly. He approximated about 20 aerosol cans per month. No other paint other than aerosol cans are used in the spray booth. Clean up is completed with either paint thinner or acetone. There is a spray gun on site, but it is unused as they only use aerosol cans. This is exempt under Rule 287(2)(b).

There is a Generac natural gas emergency generator on site which is serviced by an outside vendor, Superior Industrial, once a year. The generator runs every Monday for about 10 minutes. The generator is 100 kW or 341,214 Btu/hour and has an hours-meter that reads 304.4 hours. The facility also has a 135,000 Btu boiler on site. The date on the boiler is 1950 and the most recent inspection date was January 27, 2021. This is exempt under Rule 285(2)(g). The facility also has about 12-15 natural gas space heaters throughout the facility for heat during the winter. This is exempt under Rule 282(2)(b)(i).

The facility has a portable plasma cutter that is vented internally. It is used, as needed, to cut small parts, approximately 3 times per month. This is exempt under Rule 285(2)(l)(vi)(B). The facility also has one parts washer on site, which was identified in the previous inspection report. They use mineral spirits in the parts washer and it is exempt under Rule 282(2)(k). The facility also applies food grade grease to the casters, which is food grade. Mr. Fuller provided the SDS after the inspection. The grease is semi-solid or solid and contains mostly distilled, petroleum, hydrotreated light naphthenic (CAS No. 64742-53-6). There is no VOC information provided on the SDS but it is not listed as a VOC and the ITSL is 50 µg/m<sup>3</sup>. The facility uses approximately 800 pounds per month. This would meet the limit established in Rule 290(2)(a)(i).

The facility also has a CNC machine on site which has an associated filtermist installed and vents internally. There is also a CO<sub>2</sub> laser cutter with associated chiller and torit dust collector which also vents internally. This is exempt by Rule 285(2)(l)(vi)(B).

This facility appears to be in compliance with all applicable air quality rules and regulations.

NAME Amber Chappel

DATE 5/31/22

SUPERVISOR RIL 6/2/22