

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

B891354699

FACILITY: METAL COMPONENTS, LLC.		SRN / ID: B8913
LOCATION: 3281 ROGER CHAFFEE BLVD., GRAND RAPIDS		DISTRICT: Grand Rapids
CITY: GRAND RAPIDS		COUNTY: KENT
CONTACT: Nathan Gage , Manager		ACTIVITY DATE: 08/12/2020
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Announced, scheduled inspection.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility to conduct an announced, scheduled inspection and met with Nathan Gage, Manufacturing, Engineering Facilities & Continuous Improvement Manager. During the inspection, proper PPE was utilized, and social distancing was employed to the extent possible.

FACILITY DESCRIPTION

Metal Components, LLC is a sheet metal manufacturing facility that utilizes aluminum and stainless steel to create primarily furniture and medical fixtures. Manufacturing processes include laser welding, sanding, sandblasting powder coating and assembly. Market changes drive new product development on a continuous basis. Mr. Gage and his staff conduct a weekly roof walk to observe for any process inconsistencies. Since the installation of a white roof a few years ago, it is easy to see if there are any unexpected issues. Mr. Gage indicated that they have not had any issues of note. A recent expansion on the rear of the building allowed for the installation of a pull through loading area and moved all loading bays there as well.

Metal Components, LLC is part of a family of 17 companies. The facility was clean and well maintained.

COMPLIANCE EVALUATION

The facility utilizes a variety of internally vented metal presses, all with self-contained lubrication systems that are exempt from permitting per Rule 285(2)(l)(i). There is one vibratory deburring machine that is internally vented and utilizes a water-based solution and pumice stone that is exempt from permitting per Rule 285(2)(l)(vi)(B). There is an internally vented laser cutting machine that is exempt from permitting per Rule 285(2)(l)(vi)(B). In a separate area, employees conduct manual mig and tig welding. An air knife is utilized to separate the plant air from the welding room air and there is a filter on the exhaust that is replaced monthly. This process is exempt from permitting per Rule 285(2)(i). There is a hand sanding room, where employees utilize hand sanders to buff over the welding joints to remove any rough edges. This area is exhausted outside through a roof top general ventilation point. General ventilation that is not connected to any specific emissions unit would not be interpreted as “exhausted externally”. Any metal dust generated falls to the floor and is swept or vacuumed at the end of the day. This equipment and area are exempt from permitting per Rule 285(2)(l)(vi)(B).

Finally, they utilize a spray to waste powder coat line that has 30-40 color changes each day. The surface preparation portion of the powder coat line is exempt from permitting per Rule 285(2)(l)(iii). The powder coat line is equipped with fabric filter control and is exempt from permitting per Rule 287(2)(d).

The finishing area includes light assembly; however, no solvents or adhesives are used. Instead of regular pallets, this facility uses a type of pressboard pallet that uses a starch-based material to provide structure. They are reusable and recyclable.

During the inspection, Mr. Gage and I walked the full exterior of the facility and there were no odors or visible emissions identified.

SUMMARY

Metal Components, LLC. was in compliance at the time of the inspection.

NAME April Lazzaro DATE 09/08/2020 SUPERVISOR HH