

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

N556568893

FACILITY: Trinity Shoring Products, Inc.		SRN / ID: N5565
LOCATION: 594 HWY M 60 W, UNION CITY		DISTRICT: Kalamazoo
CITY: UNION CITY		COUNTY: BRANCH
CONTACT: Dale Bussa , Vice President		ACTIVITY DATE: 08/24/2023
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On August 24, 2023, AQD staff traveled to Branch to perform an inspection of ARCOSA Shoring Products (SRN: N5565). The inspection was to determine the facility's compliance with General Permit to Install Number 128-06 and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 1:10 p.m. to overcast conditions with a temperature of 85°F with a W wind of 14 mph. There were no noticeable odors upon arrival.

AQD staff met with Dale Bussa (Vice President of Manufacturing and Finance), who walked staff around the facility and answered all questions.

The facility was previously part of Trinity Shoring Products but changed to ARCOSA in November of 2018. The plant builds trench shields for below-ground construction.

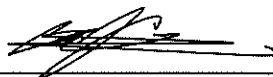
The following discusses the findings of the inspection and review of records:

Welding: There are approximately 30 welding machines in the plant. These processes appear to be exempt by Rule 285(i). The processes are subject to the federal MACT standards for Nine Metal Fabrication and Finishing Categories (40 CFR 63 Subpart XXXXXX). The facility is using work practice standards to comply with the regulation. There is no direct exhaust of the welding stations. The facility is moving on from the two ceiling ESP's and are now using Lincoln Air filters.

Plasma Cutting: Two plasma cutting tables are used. One table has a water reservoir underneath the cutting surface, and the other table is dry. The air is drawn down from the surface to ductwork that exhausts outdoors. A sixteen-cartridge dust collector cleans the exhaust and sent back inside the plant during the colder months and can be diverted outdoors in the summer. There is also a torch cutter that is exhausted outdoors to an eight-cartridge dust collector. This is also sent back inside the plant during colder months and can be diverted outside during summer.

Painting: All parts are spray painted with water reducible coatings. There is a large room closed off from the plant that ha three separate downdraft paint spray grates in the floor. The entire room is considered to be a "booth" since it will be operating under negative pressure while the exhaust fans are operating. Each grate has dry filter sheets installed beneath them and has its own fan and exhaust stack.

Daily and monthly paint usage records are being kept. The 12-month rolling time period VOC emissions were at 8.136 tons per year which is within the permit limit. All required records are being kept in a satisfactory manner.

NAME 

DATE 9/7/23

SUPERVISOR Monica Brothers