

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

N831563985

FACILITY: PRAIRIE RIVER WOODWORKING, LLC		SRN / ID: N8315
LOCATION: 60560 FILMORE RD, STURGIS		DISTRICT: Kalamazoo
CITY: STURGIS		COUNTY: SAINT JOSEPH
CONTACT: Bryan Schwartz , Owner		ACTIVITY DATE: 07/14/2022
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection for FCE		
RESOLVED COMPLAINTS:		

On July 14, 2022 AQD staff traveled to St. Joseph County to perform an inspection of Prairie River Woodworking. The purpose of the inspection was to determine the facility’s compliance with Permit to Install No. 30-14A and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 12:45 p.m. to overcast conditions with a temperature of 74°F with a W wind of 0 mph. There were no noticeable odors upon arrival.

AQD staff met with Bryan Schwartz (Owner) who walked staff around the facility and answered all questions.

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

EUWOODWORKING: A table saw, band saw, chop saw, 30” drum sander, 24” plainer, an 8” edge sander, and one “air wall” sanding station.

The woodworking station is not currently in use due to the wood being pre-cut.

FGBOOTH1-4: A flexible group consisting of four coating booths at the facility. EUBOOTH1, EUBOOTH2, EUBOOTH3, EUBOOTH4

Pollution Control Equipment are dry filters to control particulate matter.

All records were reviewed on-site and were kept in a satisfactory manner.

Pollutant	Limit	Compliance
VOC and acetone (CAS No. 67-64-1)	85.5 Tons per year (TPY)	Appears to be in compliance

Material Limits:

1. The VOC content of any solvent-based stain used in any booth within FGBOOTH1-4 shall not exceed 6.4 pounds per gallon of coating (minus water) as applied. Certified product data sheets were reviewed showing the range of 4.48 – 6.00 pounds per gallon of coating (minus water) as applied.
2. The VOC content of any solvent-based lacquer topcoat used in any booth within FGBOOTH1-4 shall not exceed 5.8 pounds per gallon of coating (minus water) as applied. Certified product data sheets were reviewed showing the high range of 4.4 pounds per gallon of coating (minus water) as applied.
3. The VOC content of any solvent-based sealer used in any booth within FGBOOTH1-4 shall not exceed 5.4 pounds per gallon of coating (minus water) as applied. Certified product data sheets were reviewed showing the range of 4.6 – 5.06 pounds per gallon of coating (minus water) as applied.

Process/Operational Restrictions:

All waste stains, topcoats, cleanup solvents, sealers, etc. (materials) were being stored in closed containers. Spent filters are being disposed of in a satisfactory manner which minimizes the introduction of air contaminants

to the outer air. All VOC and or HAP containing materials are being handled in a manner to minimize the generation of fugitive emissions and stored in closed containers. The booths are operated for one 8-hour shift, 5 days per week, which is below the 6240 hours per 12-month rolling time period limit.

Design/Equipment Parameters:

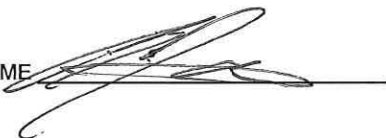
All exhaust filters were installed and appeared to be maintained in a satisfactory manner. The booths were equipped with HVLP applicators.

FGFACILITY: Source wide equipment

Pollutant	Limit	Compliance
Each Individual HAP	Less than 9.0 Tons per year (TPY)	Appears to be in compliance
Aggregate HAPs	Less than 22.5 (TPY)	Appears to be in compliance

Pollutant	Limit	Actual	Compliance
VOC	Less than 90.0 TPY	32.89 (TPY)	Appears to be in compliance

All source-wide records were reviewed on-site and were being kept in an acceptable manner.

NAME 

DATE 8/11/22

SUPERVISOR RIL 8/12/22