

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

N799958126

FACILITY: SHELBY CABINETS		SRN / ID: N7999
LOCATION: 4651 25 MILE RD, SHELBY TWP		DISTRICT: Warren
CITY: SHELBY TWP		COUNTY: MACOMB
CONTACT: Tom Urbin , Co-owner		ACTIVITY DATE: 05/06/2021
STAFF: Rem Pinga	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Announced On-site Inspection		
RESOLVED COMPLAINTS:		

On May 6, 2021, I conducted a level 2 inspection at Shelby Cabinets, located at 4701 25 Mile Road in Shelby Township, Michigan. The purpose of the inspection was to determine the facility's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), the administrative rules, and the conditions of Permit to Install (PTI) No. 115-08. During the walk-through inspection, I was accompanied by Mr. Tom Urbin, facility co-owner and new facility contact person, and Ms. Ann Orzel, Secretary. Prior to conducting the walk-through inspection, I initially showed my credentials and stated the purpose of the inspection.

To comply with the COVID-19 Emergency AQD Field Inspection Guidance Update (June 2020), the inspection was announced and scheduled. I set up the inspection via telephone call with Ms. Orzel, Mr. Urbin's staff. I entered the facility wearing a face mask, face shield, safety glasses, hard hat, and safety shoes. I am also fully vaccinated from Covid-19. The recordkeeping was sent to me via email in advance.

Shelby Cabinets manufactures wood cabinets for various customers. I met Ms. Orzel at her office, initially. After introductions, I decided to discuss the recordkeeping spreadsheet that I got prior to the walk-through inspection. I informed Ms. Orzel that I found inconsistencies in the entries to some records and she could not follow my train of thought when I started to discuss details of some entries. I then discussed the AQD help option and offered to email to her Ms. Jenifer Dixon's contact information, the AQD Liaison for EGLE's Environmental Assistance Group.

After the pre-inspection meeting, Mr. Urbin came and offered to accompany me during the walk-through inspection. Shelby Cabinets consists of two buildings. We first walked through the east building (Building 1) where I observed some wood cutting/finishing and assembly area. The finishing and assembly area includes a small saw that emits indoors per R 285(l)(vi) (B).

The west building (Building2) contains sanding and woodcutting equipment, as well as the manual spray booth for coating wood parts. The


facility has several saws, mills, planers, and sanders used for wooden cabinet construction. Emissions from these operations are controlled by a cyclone and baghouse located outside the building but the cleaned air are reclaimed and vented back inside the building. Bulk saw dust from the cyclone is collected in a container. Finer saw dust from the baghouse is collected in a separate container. Bags in the baghouse are shaken out approximately once a day and are replaced as needed. The processes including the particulate control equipment appear to be exempt from obtaining a Permit to Install per R 285(l)(vi)(C).

Per PTI No. 115-08, Special Conditions (EU-WOODCOAT)(1.7), the facility operates one spray booth with several manual HVLP applicators. The spray booth applies stain and clear coating. Per PTI No. 115-08, Special Conditions (EU-WOODCOAT)(1.6), I observed square paper mesh filters in place along the wall of the booth. I did not observe gaps in between filters and the filters appear to be operating properly. The facility keeps extra filters that are available on site for easy replacement. Per PTI No. 115-08, Special Conditions (EU-WOODCOAT)(1.3-5), I observed containers in the paint kitchen closed when not in use. Waste materials were kept in closed containers and the spent filters are disposed appropriately. Waste coatings are placed into a closed 55-gallon container, manifested, and sent out to a hazardous waste disposal facility.

I did not observe any coldcleaners, boilers, or emergency generators onsite during walk-through inspection. From a distance, the unobstructed facility stack associated with the spray booth appears to meet the dimensions in PTI No. 115-08, Special Conditions (EU-WOODCOAT)(1.12). I did not observe visible emissions from the stack while outside the facility.

I am unable to verify compliance with emission limits in PTI No. 115-08, Special Conditions (EU-WOODCOAT)(1.1, 1.2) & (FGFACILITY)(2.1a, 2.1b) due to inconsistencies in the submitted excel spreadsheet. Currently, EGLE Environmental Assistance Staff, Jenifer Dixon is helping the facility correct the inconsistent entries and the company may hire a consultant to help facilitate the corrective action. As such, I decided to send the company a Violation Notice.

NAME



DATE

06/09/2021

SUPERVISOR

