

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

B201367425

FACILITY: OX Engineered Products		SRN / ID: B2013
LOCATION: 700 CENTREVILLE RD, CONSTANTINE		DISTRICT: Kalamazoo
CITY: CONSTANTINE		COUNTY: SAINT JOSEPH
CONTACT:		ACTIVITY DATE: 04/27/2023
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: On-site inspection for FCE.		
RESOLVED COMPLAINTS:		

On April 27, 2023, AQD staff traveled to St. Joseph County to perform an inspection of OX Engineered Products. The purpose of the inspection was to determine the facility’s compliance with MI-ROP-B2013-2021 and applicable state and federal air pollution control regulations.

OX Engineered Products (the facility) manufactures structural sheathing for the residential housing market; recycled paperboard and polyethylene extrusion coated paperboard. Major equipment lines include a cylinder paperboard machine, extrusion coater, flexopress for printing, and a solid fiber laminator. There are two natural gas/residual fuel oil co-fired boilers each rated at 30 MMBTU/hr.

AQD staff arrived on site at 11:00 a.m. to mostly cloudy conditions with a temperature of 54°F, and a S wind at 13 mph. Typical odors associated to the facility were slightly noticeable upon arrival.

AQD staff met with Ayesha Amin (Process Engineer) who answered all questions and escorted staff around the site. The following discusses the results of the on-site inspection and review of records:

Source-Wide:

Pollutant	Limit	Actual	Compliance
Tons per year (tpy)			
Each individual HAP	Less than 9.0 tpy	Appears to be in compliance	Appears to be in compliance
Aggregate HAPs	Less than 22.5 tpy	2.3 tpy	Appears to be in compliance

All records are being kept in an acceptable manner.

Semiannual reporting of deviations and Annual certification of compliance reports were reviewed when received.

FGBOILERS: Two natural gas/residual fuel oil co-fired boilers. Maximum rated heat input for each boiler is 30 MMBTU per hour used to produce process steam at 25,000 pounds per hour.

Emission Units: EUBOILER1, EUBOILER2

No fuel oil is being used in either boiler.

All records are being kept in an acceptable manner.

Semiannual reporting of deviations and Annual certification of compliance reports are reviewed when received.

FGRULE290:

Emission Units: EULAMINATOR, EUPAPER MACHINE, EUFLEXOPRESS2, EUFLEXOPRESS1 (EUFLEXOPRESS1 has been removed)

All records are being kept in an acceptable manner.

Semiannual reporting of deviations and Annual certification of compliance reports are reviewed when received.

FGCOLDCLEANERS:

Emission Units: EUCOLDCLEANERS

All records are being kept in an acceptable manner.

Semiannual reporting of deviations and Annual certification of compliance reports are reviewed when received.

FGRICEMACT:

Emission Unit: EUFIREPUMP

The fire pump is equipped with a non-resettable hour meter. At the time of inspection, it read 72.7.

All records are being kept in an acceptable manner.

Semiannual reporting of deviations and Annual certification of compliance reports are reviewed when received.

FGBOILERMACT:

Emission Units: EUBOILER1, EUBOILER2

All records are being kept in an acceptable manner.

Semiannual reporting of deviations and Annual certification of compliance reports are reviewed when received.

NAME  _____

DATE 6/1/23

SUPERVISOR RIL 6/1/23