



REGION 5

CHICAGO, IL 60604

MEMORANDUM

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Midwest Glass Fabricators Inc, Highland, MI

FROM: Karina Kuc, Environmental Engineer
AECAB (IL/IN)

THRU: Nathan Frank, Section Supervisor
AECAB (IL/IN)

TO: File

BASIC INFORMATION

Facility Name: Midwest Glass Fabricators Inc

Facility Location: 100 Transfer Drive, Highland, MI

Date of Inspection: February 27, 2024

EPA Inspector(s):

1. Karina Kuc, Environmental Engineer
2. Aileen Drum, Environmental Scientist
3. Emma Leeds, Environmental Scientist

Other Attendees:

1. Bernard Zavatone, Regional President, Oldcastle Building Envelope
2. Patrick Laquinto, Former Owner of Midwest Glass
3. Chad Greco, Maintenance Manager, Oldcastle Building Envelope
4. Johnathon Rohrbach, Corporate H&S, Oldcastle Building Envelope

Contact Email Address: jrohrbach@obe.com and bzavatone@obe.com

Purpose of Inspection: to assess compliance with the Michigan State Implementation Plan (SIP)

Facility Type: Glass products manufacturing

Facility Name: Midwest Glass Fabricators Inc
Facility Location: 100 Transfer Drive, Highland, MI
Date of Inspection: February 27, 2024

Arrival Time: 11:43 AM

Departure Time: 12:48 PM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☒ Provided Small Business Resource Information Sheet
- ☐ Small Business Resource Information Sheet not provided. Reason:
- ☒ Provided CBI warning to facility

The following information was obtained verbally from Midwest Glass and Oldcastle Building Envelope representatives unless otherwise noted.

Company Ownership: Midwest Glass Fabricators Inc (“Midwest Glass” or “the facility”) was purchased by Oldcastle Building Envelope (“Oldcastle”) about 3 weeks prior to EPA’s inspection. The land and shell of the building were not purchased by Oldcastle.

Process Description: Midwest Glass purchases glass sheets which are first cut to specification and then processed by any combination of seaming, sanding, tempering, fabricating, laminating, and/or insulating to create a final product. There are four dust collectors for glass seaming and one for wood cutting. Fabrication uses water and glycol for lubrication to cut and polish. Glass is tempered by heating in electric ovens. Laminating is done by melting an interlayer between two sheets of glass in a cold room then running it through a nip oven and autoclave. Glass can also be cut after it is laminated. Insulation is done by sealing two sheets of glass with polyisobutene (PIB) and then urethane or silicone sealant and filling the space with argon.

Staff Interview: In January 2019, the facility was expanded to add a glass laminating line and an insulated glass line. Glass coating is not performed at the facility. The facility does not submit annual air emission calculations to the state.

TOUR INFORMATION

EPA Toured the Facility: Yes

Data Collected and Observations: EPA observed the various processes that take place at the facility.

Photos and/or Videos: were not taken during the inspection.

Facility Name: Midwest Glass Fabricators Inc
Facility Location: 100 Transfer Drive, Highland, MI
Date of Inspection: February 27, 2024

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

☒ Provided U.S. EPA point of contact to the facility

Requested documents:

- Safety Data Sheets for the lamination interlayer, silicone, urethane, insulation sealant, catalyst
- throughputs on a monthly or annual basis for the last year

DIGITAL SIGNATURES

Report Author: **KARINA KUC**  Digitally signed by
KARINA KUC
Date: 2024.04.22
14:32:12 -05'00'

Section Supervisor: _____