

DEPARTMENT OF ENVIRONMENTAL QUALITY
 AIR QUALITY DIVISION
 ACTIVITY REPORT: Scheduled Inspection

U1308067751714

FACILITY: Battle Creek Glass Works		SRN / ID: U13080677
LOCATION: 21472 Bedford Road North, Battle Creek		DISTRICT: Kalamazoo
CITY: Battle Creek		COUNTY: CALHOUN
CONTACT: J.J. Ramon , Inside Sales		ACTIVITY DATE: 12/12/2019
STAFF: Amanda Chapel	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT:		
RESOLVED COMPLAINTS:		

On December 12, 2019, Air Quality Division's (AQD) Amanda Chapel (staff) arrived at Battle Creek Glass Works, Inc located at 21472 Bedford Road North, Battle Creek MI to conduct an unannounced air quality inspection. The purpose of the inspection was to determine compliance all applicable state and federal air regulations. The following will summarize plant operations and facility compliance status.

The facility manufactures double paned window enclosures. They manufacture about 20 windows per week and are mainly an installation contractor. They have about 25 employees and work one shift per day from about 8am to 5pm. The majority of employees do window installation only. They mostly purchase windows from a third party. An inspection was done on 12/11/2008. At the time, the facility produced about 200 windows per day and they were in compliance at the time of the inspection.

I spoke with Mr. J.J. Ramon, Inside Sales when I entered the building. He told me there are no boilers or cold cleaners on site, but the building is heated with natural gas space heaters which are exempt under Rule 282(2)(b)(i). The glass is cut by hand and is vented internally. The cutting table from the previous inspection is still on site but not operational. The facility uses butyl which is heat set for the first seal. The second seal is Polysulphide which is mixed with a catalyst. They purchase 1 or 2 55-gallon drums per year. It is applied by hand and vents internally. The process is exempt under Rule 287(2)(c)(i) for coating lines not more than 200 gallons, as applied, minus water, per month. The facility can inject argon gas between the panes if specified.

The facility purchases aluminum for frames and cuts and bends the aluminum to the specified shape. The metal working operations are all vented internally and exempt under Rule 285(2)(1)(vi)(B). The facility will occasionally use spray paint cans to paint the aluminum. This is exempt under Rule 287(2)(b).

Facility appears to be in compliance with the exemptions it is operating under. I thanked Mr. Ramon for taking the time to show me around the facility and left about 2:15pm.

NAME Amanda Chapel

DATE 12/17/19

SUPERVISOR RVL 12/17/19