

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

ACTIVITY REPORT: Scheduled Inspection

B878655398

FACILITY: Sekisui Voltek LLC.		SRN / ID: B8786
LOCATION: 17 ALLEN AVE., COLDWATER		DISTRICT: Kalamazoo
CITY: COLDWATER		COUNTY: BRANCH
CONTACT: Don Ostrander , Maintenance Dept. Manager		ACTIVITY DATE: 08/25/2020
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: Scheduled Inspection for FCE		
RESOLVED COMPLAINTS:		

On August 25, 2020, AQD staff traveled to Branch County to perform an inspection of Sekisui Voltek, LLC to determine the facility's compliance with MI-ROP-B8786-2020 and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 8:50 a.m. to cloudy conditions with a temperature of 72°F, and a NW wind of 6 mph. There were no noticeable odors or visible emissions upon arrival.

AQD staff met with Don Ostrander who answered all questions and escorted staff around the facility. The facility produces plastic foam sheet material by mixing raw polyolefin and other ingredients, extruding it into a sheet, crosslinking the molecular structure, and then expanding. The foam material is produced in a variety of thicknesses and colors for various needs of industry.

The following discusses the results of the on-site inspection and review of records:

FGOVENS

12 natural gas fired vertical ovens which are used to expand extruded plastic into foam.

Emission Units: EUOVEN01, EUOVEN02, EUOVEN03, EUOVEN04, EUOVEN05, EUOVEN06, EUOVEN07, EUOVEN08, EUOVEN09, EUOVEN10, EUOVEN11, EUOven6Preheat, EUOven10Preheat, EUOven11Preheat, EUOVEN13, EUOven13Preheat.

Pollution Control Equipment: Catalytic Oxidizer on each oven

Each foam production oven's respective catalytic oxidizer was installed and appeared to be maintained properly at time of inspection. Temperatures of the catalytic oxidizers are tied to an alarm and are tracked on a continuous basis.

Emission limit compliance for FGOVENS is shown through stack test. The latest stack test for FGOVENS was performed on 10/25/17. The stack test results showed that the ovens appear to be in compliance with the emission limits.

All Semiannual/Annual reports were received in a timely manner and are reviewed upon receipt.

FGOVEN12

Natural gas fired horizontal oven used to expand extruded polyolefin plastic into foam, and natural gas fired belt burners used to remove foam buildup on the belt.

Emission Units: EUOVEN12, EUBELTBURN12

The facility is required to monitor the natural gas usage from FGOVEN12 on a 12-month rolling time period basis. These records were reviewed and were acceptable.

The facility is required to keep monthly and 12-month azodicarbonamide (AZO) material usage records for FGOVEN12. These records were reviewed and were acceptable. There is a material limit for AZO of 478 tons per year (tpy). The latest 12-month rolling AZO was 14.91 tons.

The facility is required to keep monthly and 12-month rolling time period VOC emission calculation records for FGOVEN12. These records were reviewed and were acceptable. There is an emission limit for VOC of 23.5 tpy. The latest 12-month rolling VOC emissions are 0.92 tpy.

All Semiannual/Annual reports were received in a timely manner and are reviewed upon receipt.

FGPARTICULATE

Plastic milling operations and plastic storage silos controlled by filters.

Emission Units: EUMILL01, EUMILL02, EUMILL03, EUMILL04, EUMILL05, EUSILO01, EUSILO02, EUSILO03, EUSILO04, EUSILO05, EUSILO06, EUSILO07, EUSILO08, EUSILO09, EUSILO10, EUSILO11, EUSILO12.

The facility is required to perform semiannual and annual maintenance as specified in Appendix 3. The latest maintenance check was performed in April of 2020.

The facility is required to perform and record a visible emission check on the silos when loading. The facility is keeping a recorded log of maintenance activities performed.

All Semiannual/Annual reports were received in a timely manner and are reviewed upon receipt.

FGCOLDCLEANERS

Emission Units: EUCOLDCLEANER, EUCOLDCLEANER2

The cold cleaner lid was closed and the rules were posted.

FGRULE290

Emission Units: EUCLEANINGOVEN

The facility records the hours of operation for EUCLEANINGOVEN. Based on the hours of operation, emission factors are used to calculate VOC and particulate emissions. These records were reviewed and were acceptable.

All Semiannual/Annual reports were received in a timely manner and are reviewed upon receipt.

NAME  _____

DATE 9/17/2020

SUPERVISOR _____