

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Bakelite Chemicals LLC	SRN : N1237
Location : 4113 W Four Mile Rd	District : Cadillac
	County : CRAWFORD
City : GRAYLING State: MI Zip Code : 49738	Compliance Status : Compliance
Source Class : SM OPT OUT	Staff : Caryn Owens
FCE Begin Date : 6/30/2021	FCE Completion Date : 6/30/2022
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
06/30/2022	On-site Inspection	Compliance	On-Site Inspection and Records Review
06/23/2022	ROP R215 Notification	Compliance	Name Change from Georgia Pacific Chemicals to Bakelite Chemicals LLC.
06/17/2022	Rule 912	Compliance	A combustion blower flow switch caused the Catalytic oxidizer to shut down. the RCI process was immediately shut down, so no process while it was below temp. The batch reactors were down during this malfunction, so there was no exceedance of the 1-hr reporting.
05/26/2022	Telephone Notes	Compliance	Initial Notification of catalytic oxidizer outage.
05/13/2022	NSPS (Part 60)	Compliance	2nd Semi-Annual Rpt - EE Summary for Formaldehyde Plant, EE sum of Methanol storage tank, & NSPS Reporting. Appears to comply w/ 40 CFR Part 60 Subparts A, III, VV, & Kb. Deviations corrected appropriately & reported to AQD. 16 low temp deviations.
05/10/2022	MAERS	Compliance	See MAERS for further info. - Verified Emissions were within permitted limits. Reviewed supplied emission calculations and emission factors.

Activity Date	Activity Type	Compliance Status	Comments
11/19/2021	Rule 912	Compliance	Follow-up to 10/11/21 phone conversation. Catalytic oxidizer shut down after high temp, RCI process was shut down, but batch in kettles, kettles stabilized, oxidizer temp dropped below min. excess emissions were 1.67 hrs, Corrective actions taken,
11/19/2021	Rule 912	Compliance	Follow-up to 11/3/21 phone call. Methanol chiller/condenser tank pressure rose above the 5"wc to lift the conservation vent. Breathing loss occurred 11/1/21 for a total 3.65 hrs, and 11/2/21 for a total of 2.3 hrs, completed maintenance on control device and system working reliably.
11/03/2021	Telephone Notes	Compliance	GP had a maintenance outage on the methanol condenser & chiller from the glycol lines from the chiller and condenser system. The lines were being replaced to stop air pockets. On Nov. 1st tank pressure rose above 5"wc, Excess Emissions 11/1 for 3.65 & 11/2 for 2.32 hours. Will send follow-up letter.
10/11/2021	Telephone Notes	Compliance	On Oct. 10, 2021 a high temperature was reported that caused the oxidizer to shut down, and the inlet resin temp fell below the permitted 550 degrees F for an hour before it was back up and running. Plant was shut down, resin was in the kettles when shut down, will submit a report.
08/30/2021	NSPS (Part 60)	Compliance	1st Semi-Annual Rpt - EE Summary for Formaldehyde Plant, EE sum of Methanol storage tank, & NSPS Reporting. Appears to comply w/ 40 CFR Part 60 Subparts A, III, VV, & Kb. Deviations corrected appropriately & reported to AQD. Temp. deviations from routine start-up.
08/30/2021	Malfunction Abatement Plan	Compliance	Leak Detection and MAP submitted. LDAR and MAP are considered adequate. Approved 8/30/21

Name: Caum Owens Date: _____ Supervisor: _____