

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : Consumers Energy - Overisel Compressor Station	SRN : N5792
Location : 4131 138th Ave. Route 1	District : Kalamazoo
	County : ALLEGAN
City : HAMILTON State: MI Zip Code : 49419	Compliance Status : Compliance
Source Class : MAJOR	Staff : Cody Yazzie
FCE Begin Date : 7/7/2021	FCE Completion Date : 7/7/2022
Comments : The facility appears to be in compliance submitting ROP certs, MAERS, and conducting testing required. The most recent inspection appeared to show compliance.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/07/2022	On-site Inspection	Compliance	Scheduled Inspection

Activity Date	Activity Type	Compliance Status	Comments
06/09/2022	Stack Test	Compliance	<p>On February 15th, February 17th, and March 1st Consumers Energy's Overisel Compressor Station conducted stack testing on the stack ID's SVTHERMOX_B and SVTHERMOX_A for EUDEHY. This Stack testing was required for initial testing to evaluate if the thermal oxidizers meet the control device requirements for small glycol dehydration units per 40 CFR 63.1281(f)(1).</p> <p>The initial testing was conducted to evaluate compliance with the EUDEHY combined emissions and establish the minimum combustion chamber temperature at which the thermal oxidizer must be operated (daily average). Testing was conducted as 3-one hour test runs for each thermal oxidizer. The calculated BTEX emission rate for SVTHERMOX_A was reported as 0.02 Mg/year and 0.05 Mg/year for SVTHERMOX_B. The total EUDEHY emission rate was calculated to be 0.07 Mg/year from the collected stack test data. This is below the 0.7 BTEX emission limit established by the 40 CFR 63.1275(b)(1)(iii) equation 2. The established minimum combustion chamber temperature for SVTHERMOX_A was calculated to be 1,460 F and 1,510 F for SVTHERMOX_B.</p>

Activity Date	Activity Type	Compliance Status	Comments
05/09/2022	MACT (Part 63)	Compliance	40 CFR Part 63, Subpart DDDDD Biennial Compliance Report - The facility reported that EULINEHEATER4A, EULINEHEATER5A, and EULINEHEATER6A had their last tune up on January 28, 2020. These heaters are required to have tune ups every 2 years for having a Maximum MMBTU/hr of 9.2, which is between 5 and 10 MMBTU/hr. Staff questioned Consumers Overisel as to why the listed date of last tune up was January 28, 2020. Consumers indicated that the reporting period was for January 1, 2020 through December 31, 2021. Consumers indicated that the most recent took place February 27th, 2022. This is compliant with the Subpart DDDDD requirements but not reported in current compliance report due to being outside the reporting period.
04/20/2022	ROP Annual Cert	Compliance	The facility reported that there were no deviations during the reporting period.
04/20/2022	ROP SEMI 2 CERT	Compliance	The facility reported that there were no deviations during the reporting period.
04/20/2022	MACT (Part 63)	Compliance	40 CFR Part 63, Subpart HHH Semiannual Periodic Report - The source has an emission unit EUGLYCDEHY that is using TEG as the glycol type. The control device being used is a condenser that has a daily maximum average temperature of 133.3 degrees Fahrenheit. The BTEX emission limit assigned by 63.1275(b)(1)(iii) is 4.2 Mg/yr. The facility reported that there were no malfunctions or excursions during the reporting period. The facility also reported that the CPMS was never inoperative, "out of control", repaired, or adjusted at any time during the reporting period. It was also certified that there were no performance test performed during the reporting period.
04/20/2022	MAERS	Compliance	ROP certification report for MAERS and the 2021 Supplemental Control Information submitted to MAERS on 3/21/22

Activity Date	Activity Type	Compliance Status	Comments
10/04/2021	ROP Semi 1 Cert	Compliance	The facility reported that there were no deviations.
10/04/2021	MACT (Part 63)	Compliance	40 CFR Part 63, Subpart HHH Semiannual Periodic Report - The source has an emission unit EUGLYCDEHY that is using TEG as the glycol type. The control device being used is a condenser that has a daily maximum average temperature of 133.3 degrees Fahrenheit. The BTEX emission limit assigned by 63.1275(b)(1)(iii) is 4.2 Mg/yr. The facility reported that there were no malfunctions or excursions during the reporting period. The facility also reported that the CPMS was never inoperative, "out of control", repaired, or adjusted at any time during the reporting period. It was also certified that there were no performance test performed during the reporting period.

Name: Cody Yeggi Date: 9/13/22 Supervisor: RIL 9/15/22