

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Consumers Energy - Muskegon River Compressor Stat	SRN : N2901
Location : 8613 Pine Rd. Marion, MI	District : Bay City
	County : CLARE
City : CHURCH BRIDGE	State: MI Zip Code : 49665 Compliance Status : Compliance
Source Class : MAJOR	Staff : Nathanael Gentle
FCE Begin Date : 12/12/2022	FCE Completion Date : 12/12/2023
Comments : FCE for FY24 Inspection	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
12/12/2023	On-site Inspection	Compliance	Scheduled Onsite Inspection FY24
12/04/2023	Telephone Notes		Update on Consumers Energy and EPA Region 5 Discussions Regarding EUTURBINE2-2 Parameter Monitoring Petition.
09/29/2023	MACT (Part 63)	Compliance	Subpart HHH Semiannual Report NESHAP for Natural Gas Transmission and Storage Facilities Semiannual Periodic Report for reporting period 1/1/2023 to 6/30/2023. Report includes EUGLYCDEHY. The unit uses TEG and has a thermal oxidizer control device. No malfunctions, no excursions, no leaks, or defects detected and no periodic performance tests. CPMS was always operative during reporting period report incorporates.
09/28/2023	ROP Semi 1 Cert	Compliance	No deviations reported.

Activity Date	Activity Type	Compliance Status	Comments
04/19/2023	ROP Annual Cert	Compliance	<p>No deviations reported.</p> <p>A VN was sent to the facility on 12/15/2022 for a late stack test. An initial performance test for formaldehyde emission rates from EUTURBINE2-2 was required no later than September 5, 2022. The initial performance test was completed on October 6, 2022. EUTURBINE2-2 is permitted under PTI16-21A. C-001 and M-001 forms to incorporate the PTI into the ROP were submitted on January 31, 2023. At this time, a modified ROP incorporating PTI 16-21A has not been issued yet. Because the emission unit is not part of the facilities ROP, it is not required to be reported in the ROP Certifications.</p> <p>Subpart HHH- NESHAP for Natural Gas Transmission and Storage Facilities Semiannual Periodic Report for reporting period 7/1/2022 to 12/31/2022 included.</p>
04/19/2023	ROP SEMI 2 CERT	Compliance	<p>No deviations reported.</p> <p>A VN was sent to the facility on 12/15/2022 for a late stack test. An initial performance test for formaldehyde emission rates from EUTURBINE2-2 was required no later than September 5, 2022. The initial performance test was completed on October 6, 2022. EUTURBINE2-2 is permitted under PTI16-21A. C-001 and M-001 forms to incorporate the PTI into the ROP were submitted on January 31, 2023. At this time, a modified ROP incorporating PTI 16-21A has not been issued yet. Because the emission unit is not part of the facilities ROP, it is not required to be reported in the ROP Certifications.</p> <p>Subpart HHH- NESHAP for Natural Gas Transmission and Storage Facilities Semiannual Periodic Report for reporting period 7/1/2022 to 12/31/2022 included.</p>

Activity Date	Activity Type	Compliance Status	Comments
04/19/2023	MACT (Part 63)	Compliance	Semiannual MACT Compliance, Subpart HHH Subpart HHH- NESHAP for Natural Gas Transmission and Storage Facilities Semiannual Periodic Report for reporting period 7/1/2022 to 12/31/2022. Report includes EUGLYCDEHY. The unit uses TEG and has a thermal oxidizer control device. No malfunctions, no excursions, no leaks, or defects detected and no periodic performance tests. CPMS was always operative during reporting period report incorporates.
04/19/2023	Stack Test	Compliance	EUTURBINE2-2 Testing was completed of EUTURINE2-2 on 2/14/2023. The purpose of the test was to evaluate compliance with 40 CFR Part 63 Subpart YYYY. Testing determined compliance with the formaldehyde (CH2O) limit of 91 ppmvd @ 15% O2. Results from testing demonstrated formaldehyde (CH2O) emissions of 79 ppmvd @ 15% O2. The previous stack test was completed on 10/6/2022. The stack test is required annually. The facility completed the most recent stack test on 2/14/2023 to ensure the annual stack test can be completed during the normal operating season of EUTURBINE2-2.
02/14/2023	Stack Test Observation	Compliance	EUTURBINE2-2 formaldehyde testing as required by 40 CFR Part 63, Subpart YYYY

Name: Mathewes, Brent

Date: 2/20/2024

Supervisor: Chris Lane