

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : Marshall City, Electric Power Plant	SRN : C6230
Location : 906 South Marshall Ave.	District : Kalamazoo
	County : CALHOUN
City : MARSHALL State: MI Zip Code : 49068	Compliance Status : Compliance
Source Class : SM OPT OUT	Staff : Jared Edgerton
FCE Begin Date : 3/1/2020	FCE Completion Date : 9/26/2024
Comments : FCE Report	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/28/2024	Stack Test	Compliance	<p>City of Marshall Electric Power Plant - 40 CFR Part 63, Subpart ZZZZ Emission Testing</p> <p>Compliance report for units #2 and #4, and accompanying emission test report prepared by Comprehensive Emission Services. Tests were conducted on May 23, 2024, under PTI APP-2024-0117.</p> <p>Generator Unit 2: CO (ppm @ 15% O2) Inlet: 281.31 Outlet: 8.26 CO Reduction (%): 97.06 Generator Unit 4: CO (ppm @ 15% O2) Inlet: 572.32 Outlet: 119.29 CO Reduction (%): 79.08</p> <p>The catalyst on the generators were tested to demonstrate compliance with a 70% or greater reduction of CO emissions as required in NESHAP ZZZZ, 40 CFR, Part 63.</p>
07/02/2024	On-site Inspection	Compliance	Unannounced Air Quality Inspection
01/08/2024	Other Non ROP	Compliance	Kevin Maynard from the City of Marshall called AQD staff, Monica Brothers, to notify the district that they would be commencing their testing run for Unit 2 that day. This notification is required under PTI #148-23, which was approved on December 20, 2023.

Activity Date	Activity Type	Compliance Status	Comments
11/29/2023	Other Non ROP	Compliance	Kevin Maynard from the City of Marshall called AQD staff, Monica Brothers, to notify the district that they would be commencing their trial burn for their two engines and associated generators starting either November 29, 2023 or November 30, 2023. This will be an initial start-up, and then the real testing will begin the following week. This notification is required under PTI #136-23. Kevin was notified that this initial start-up would count toward the total hours limit in their permit.
08/04/2022	Stack Test	Compliance	Facility submitted stack test results for Engine 6 at the City of Marshall, Electric Power Plant. The catalyst on the generators were tested to demonstrate compliance with the outlet concentration limit of <23 ppm corrected to 15% O2 or a 70% or greater reduction of CO emissions as required by NESHAP ZZZZ, 40 CFR, Part 63. Generator 6 - 88.08% CO Reduction
07/12/2022	Stack Test Observation	Compliance	Stack Test Observation on Engine #6 for CO Destruction Efficiency and CO Outlet Concentration in PPM. Field Observations appear to indicate that they are in Compliance but that status may change should the actual report indicate any issues.
06/28/2022	Stack Test	Compliance	Facility submitted stack test results for Engine 3 and 5 at the City of Marshall, Electric Power Plant. The catalyst on the generators were tested to demonstrate compliance with the outlet concentration limit of <23 ppm corrected to 15% O2 or a 70% or greater reduction of CO emissions as required by NESHAP ZZZZ, 40 CFR, Part 63. Generator 3 - 91.02% CO Reduction Generator 5 - 70.94% CO Reduction Engine 6 will be tested in July, 2022 for compliance with this requirement.

Activity Date	Activity Type	Compliance Status	Comments
05/17/2022	Stack Test Observation	Unknown	
03/31/2020	Scheduled Inspection	Compliance	
03/27/2020	Annual Emissions Report (or MAERS)	Compliance	Facility submitted their MAERS report on 1/28/20 and it was audited on 3/27/20. Facility's reported emissions were the system calculated values. The tank emissions had an attachment which appears to support reported emissions.

Name:



Date:

9/26/24

Supervisor:

