

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> DT Midstream - Washington 10 Compressor Station	<b>SRN :</b> N3391
<b>Location :</b> 12700 30 MILE ROAD	<b>District :</b> Warren
	<b>County :</b> MACOMB
<b>City :</b> WASHINGTON <b>State:</b> MI <b>Zip Code :</b> 48095	<b>Compliance Status :</b> Non Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Kerry Kelly
<b>FCE Begin Date :</b> 2/1/2021	<b>FCE Completion Date :</b> 3/11/2022
<b>Comments :</b> FY 2022 Full Compliance Evaluation. Evaluation indicates the facility is not operating in compliance with FGENGINES2 SC III.6, SC VI.2, SC VI.8, and SC VIII of MI-ROP-N3391-2017a.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
01/19/2022	On-site Inspection	Non Compliance	FY 2022 Full Compliance Evaluation
01/11/2022	MACT (Part 63)	Compliance	Notification of Start-up required in 40 CFR 63.7545(c) for one new boiler located in Plant 1 (EUP1_BMBLR1). The boiler is an Aerco Benchmark Model BMK2000 and has a heat input rating of 2 MMBtu/hour. According to the notification, start-up occurred December 3, 2021. Notification received on time (within 15 days of start-up).
01/11/2022	MACT (Part 63)	Compliance	Notification of Start-up required in 40 CFR 63.7545(c) for two new boilers located in Plant 2 (EUP2_BMBLR1 and EUP2-BMBLR2). Both boilers are Aerco Benchmark Model BMK2000 and have a heat input rating of 2 MMBtu/hour. According to the notification, start-up occurred December 15, 2021. Notification received on time (within 15 days of start-up).

Activity Date	Activity Type	Compliance Status	Comments
12/13/2021	MACT (Part 63)	Compliance	Notification of initial start-up of EUP1_BMBLR3 replacement boiler as required in 40 CFR 63.7545(c). According to the notification, EUP1_BMBLR3 is an Aerco Benchmark Model BMK2000, 2 MMBtu/hour, natural gas-fired boiler and initial start-up took place November 19, 2021. Notification received within 15 days of stated start-up as required in 40 CFR 63.7545(c).
10/28/2021	ROP Semi 1 Cert	Compliance	Semi-Annual Report required in R 336.1213(3)(c)(i). The submitted report contains the information required in R 336.1213(3)(c)(i). The report indicates all monitoring & recordkeeping requirements in the ROP were met & no deviations occurred. Based on my knowledge of the source, the information in the report appears to be accurate.
10/28/2021	MACT (Part 63)	Compliance	MACT ZZZZ compliance report required in 40 CFR 63.6650. Report includes information required in 40 CFR 63.6650(c) including a statement that there were no instances during the reporting period that the CPMS was out of control. Based on my knowledge of the source, the information in the report appears to be accurate.
10/28/2021	ROP R215 Notification	Compliance	Notification includes information required in Rule 215(3). DT Midstream will be removing 5, 2 MMBtu/hour boilers (EUP1_BMBLR1, EUP1_BMBLR2, EUP1_BMBLR3, EUP2_BMBLR1, and EUP2_BMBLR2) and replacing with 5 new, Aerco BMK2000, 2 MMBtu/hour boilers.
10/28/2021	Other	Compliance	May 11 - 13, 2021 CO stack test results summary
10/27/2021	Stack Test	Compliance	Emissions Test Report for CO of Engines 4-6 conducted May 11-13, 2021. According to the report, the CO emissions from all engines tested were less than the limit in the ROP (2.5 g/BHP-hr) & the CO destruction efficiency was greater 93%. See "Other" report dated 10/28/21 in MACES.

Activity Date	Activity Type	Compliance Status	Comments
05/17/2021	MAERS	Compliance	MAERS Report Submittal. Certification received. MAERS audit complete. Audit passed. Facility reported emissions from all permitted equipment and all exempt equipment/processes that must be reported to MAERS. Stack test was data used to calculate CO, NOx, & VOC emissions from compressor engines. Facility-wide reported NOx, CO, and VOC emissions for RY 2020 were 32.53 tons, 52.11 tons, and 0.36 tons respectively.
05/11/2021	Stack Test Observation	Compliance	CO destruction efficiency test observation for EUENGINE6
04/16/2021	ROP Annual Cert	Compliance	Annual Report required in R 336.1213(4)(c). The submitted report contains the information required in R 336.1213(4)(c). Based on my knowledge of the source, the information in the report appears to be accurate.
04/16/2021	ROP SEMI 2 CERT	Compliance	Semi-Annual Report required in R 336.1213(3)(c)(i). The submitted report contains the information required in R 336.1213(3)(c)(i). Based on my knowledge of the source, the information in the report appears to be accurate.
04/16/2021	MACT (Part 63)	Compliance	MACT ZZZZ compliance report required in 40 CFR 63.6650. Report includes information required in 40 CFR 63.6650(c) including a statement that there were no instances during the reporting period that the CPMS was out of control. Based on my knowledge of the source, the information in the report appears to be accurate.
04/12/2021	MACT (Part 63)	Compliance	MACT DDDDD Compliance Report required in 40 CFR 63.7550. The report includes the applicable information required in 40 CFR 63.7550(c)(5) for all boilers and process heaters subject to MACT DDDDD at the facility. Report indicates EUP1-KC1000 and EUP2-KC1000 were decommissioned in 2020 and all other boilers had a tune up in either January or February 2020.

Activity Date	Activity Type	Compliance Status	Comments
04/12/2021	MACT (Part 63)	Compliance	MACT DDDDD Initial Notification required in 40 CFR 63.7545(c). The report states the initial start-up of a 1 MMBtu/hour natural gas-fired boiler (EUP1-BMBLR4) and a 1.5 MMBtu/hour natural gas-fired boiler (EUP2-BMBLR3) occurred on April 7, 2021. The report also states EUP2-BMBLR3 & EUP1-BMBLR4 are replacements for EUP1-KC1000 and EUP2-KC1000 which were removed from the facility.
02/24/2021	Stack Test	Compliance	Emissions Test Report for CO stack testing of EUENGINE4, EUENGINE5, & EUENGINE6 conducted May 5-7 and June 10, 2020. According to the report, the CO emissions from all engines tested were less than the limit in the ROP (2.5 g/BHP-hr) & the CO destruction efficiency was greater 93%.
02/24/2021	Other	Compliance	May 5-7 and June 10, 2020 CO stack test results summary

Name:

K. Kelly

Date:

3/11/2022

Supervisor:

Joyce