

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DTE Electric Company - River Rouge Power Plant	SRN : B2810
Location : 1 BELANGER PARK DRIVE	District : Detroit
	County : WAYNE
City : RIVER ROUGE State: MI Zip Code : 48218	Compliance Status : Compliance
Source Class : MAJOR	Staff : C. Nazaret Sandoval
FCE Begin Date : 8/28/2018	FCE Completion Date : 8/28/2019
Comments : FCE for FY 2019	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/05/2019	MACT (Part 63)	Compliance	Response Correlation Audit (RCA) for PM Testing on Unit 3 Annual testing required by 40 CFR Part 63 Subpart UUUUU for PM CEMS on the exhaust of Unit 3. The test was conducted between June 6-11 in accordance with Procedure 2 of 40 CFR Part 60, Appendix F . The report with the RCA testing results was received by AQD on 8/5/2019. The results passed the audit by fulfilling the criteria specified in Procedure 2, Sec 10.4(5)(I-ii). For details see the "Compliance Test Report" in AQD DTE RR files.
07/19/2019	Scheduled Inspection	Compliance	FY 2019 - Scheduled Inspection
05/24/2019	Other	Compliance	2018 MAERS Audit Comments - For details refer to report No. CA B281048928
05/03/2019	Excess Emissions (CEM)	Compliance	1st. Quarter 2019, quarterly report: No excess emissions were reported for this period. AQD counts(0) deviations from an SO2 standard, (0) deviations from 6-minute opacity standards and (1) COMS/CEMS downtime (i.e. 18 minutes CEM downtime for opacity due to routine maintenance) . Source is considered in compliance.

Activity Date	Activity Type	Compliance Status	Comments
04/30/2019	Other	Compliance	Review of MATS semiannual compliance report for period 7/1/2018 through 12/31/2018. See report No. CA_B281050083
03/26/2019	Other	Compliance	Portable Boiler Tune-up Report Results Review - See activity report CA_B281050102
03/26/2019	CEM RATA	Compliance	AQD received a report of audits conducted on the Unit 3 continuous opacity monitoring system (COMS) on 2/22/2019. Annual COMS audits are required by Condition VII.7 of FG-BOILERS 3 in MI-ROP-B2810-2012b; within 30 days after completion of the audit a report of the results is due to the AQD. According to the report received on 3/26/2019, the COMS audits of 2/22/2019 indicate the COMS on Unit 3 are operating within the required tolerance.
03/26/2019	MACT (Part 63)	Compliance	Subpart DDDDD - This report was submitted in compliance with the tune-up activity requirements associated with 40 CFR 63 subpart DDDDD for the EU-Portable Boiler. The report was timely submitted on 3/15/2019 but it was re-submitted on 3/26/2019 to include the certification of Subpart DDDDD, which was omitted in the previous submittal. Annual tune-up is required (not to exceed 13 months). This report covers the period from 1/1/2018 to 12/31/2018 for a unit designed to burn Gas 1 Fuel. The burner inspection and tune-up of EU Portable Boiler occurred on the same date, on 11/6/2018, within the required frequency (previous tune-up occurred on 10/19/2017 with burner inspection on 10/2/2017). For details refer to review report No. CA_B281050102
03/26/2019	ROP Other	Compliance	ROP Section 1 - 2018 MAERS ROP CERTIFICATION FORM RECEIVED

Activity Date	Activity Type	Compliance Status	Comments
03/25/2019	Stack Test	Compliance	HCl testing required per the Mercury and Air Toxics Standard (MATS), 40 CFR Part 63, Subpart UUUUU - Quarterly report for HCl testing on the exhaust of Unit 3 for the first quarter of year 2018 was received on 3/25/2019. Testing was conducted on 2/22/2019. The results of three (3), 60-minute runs showed HCl average emissions of 0.0006 lbs/MMBtu at an average unit load of 230 Gross Megawatts (GMW). The results are in compliance with the MATS limit of 0.002 lbs./MMBtu.
03/21/2019	ROP Other	Compliance	ROP Section 2 - 2018 MAERS ROP CERTIFICATION FORM RECEIVED
03/15/2019	MAERS	Compliance	2018 MAERS submittal online - For audit details see report No. CA B281044535
03/15/2019	MACT (Part 63)	Compliance	MATS semiannual compliance report covering the period from 7/1/2018 through 12/31/2018. Refer to compliance evaluation report No. CA_B281050083
03/15/2019	ROP Annual Cert	Compliance	ROP Section 1 - Annual Certification for period 1/1/2018 to 12/31/2018 - Three deviations reported. For details refer to CEMS/COMS quarterly reports.
03/15/2019	ROP SEMI 2 CERT	Compliance	ROP Section 2 Semiannual Certification Report for period 7/1/2018 through 12/31/2018 postmarked 3/15/2019. No deviations reported.
03/15/2019	ROP Annual Cert	Compliance	ROP Section 2 Annual Certification Report for period 1/1/2018 through 12/31/2018, postmarked 3/15/2019. No deviations reported
02/05/2019	Excess Emissions (CEM)	Compliance	Fourth quarter of 2018 - CEMS/COMS quarterly report has been reviewed by AQD. Unit 3 was down during this quarter.

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11/07/2018	Excess Emissions (CEM)	Compliance	3rd Quarter 2018 - AQD reviewed the CEMS/COMS quarterly report. The report shows one (1) deviation for opacity downtime recorded on 7/26/2018 with a duration of 12 minutes due to instrument maintenance. The report show one opacity excess emissions (EE) recorded on 8/17/2018, with a total duration of 6 minutes but the reported exceedance is not a CAM excursion because the opacity reading exceeding 20% did not last for more than two consecutive 1-hr. block averages. No deviations were reported for SO2. Deviations are considered minor and source is considered in compliance.
10/05/2018	Stack Test	Compliance	HCl testing required per the Mercury and Air Toxics Standard (MATS), 40 CFR Part 63, Subpart UUUUU - Quarterly report for HCl testing on the exhaust of Unit 3 for the third quarter of year 2018 was received on 10/5/2018. Testing was conducted on 8/8/2018. The results of three (3), 60-minute runs showed HCl average emissions of 0.0006 lbs/MMBtu at an average unit load of 230 Gross Megawatts (GMW). The results are in compliance with the MATS limit of 0.002 lbs./MMBtu.
09/15/2018	MACT (Part 63)	Compliance	MATS semiannual compliance report covering the period from 1/1/2018 through 6/30/2018. Refer to compliance evaluation report No. CA_B281050082
09/15/2018	ROP Semi 1 Cert	Compliance	ROP Section 1 Semiannual Certification Report for period 1/1/2018 through 6/30/2018 postmarked 9/15/2018. One deviation reported in the first quarter of 2018 .The CEMS at Unit 3 failed to monitor visible emissions for a very short period.
09/15/2018	Other	Compliance	Review of MATS semiannual compliance report for period 1/1/2018 through 06/30/2018. See report No. CA_B281050082

Activity Date	Activity Type	Compliance Status	Comments
09/14/2018	ROP Semi 1 Cert	Compliance	ROP Section 2 Semiannual Certification Report for period 1/1/2018 through 6/30/2018 postmarked 9/14/2018. No deviations reported.
09/04/2018	Other Non ROP	Compliance	<p>2018 Outage Notification Report for Unit 3 dated 8/29/2018 - The notification letter from DTE addressed to Mark Mitchell (AQD - Permit Section) was received by AQD via email and forwarded to N. Sandoval on 9/4/2018.</p> <p>The 70-day outage is scheduled to begin on September 7, 2018. The outage activities are described in Attachment "A" of the notification letter and they include routine maintenance, repair and replacement activities.</p>

Name: *N. Sandoval* Date: *8/28/2019* Supervisor: *JK*

