

B2810
MAJCU-FCE

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DTE - Electric Company RIVER ROUGE	SRN : B2810
Location : 1 BELANGER PARK DR	District : Detroit
	County : WAYNE
City : RIVER ROUGE State: MI Zip Code : 48218	Compliance Status : Non Compliance
Source Class : MAJOR	Staff : C. Nazaret Sandoval
FCE Begin Date : 7/20/2014	FCE Completion Date : 7/20/2015
Comments : Full Compliance Evaluation for FY 2015	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/20/2015	Scheduled Inspection	Non Compliance	Full Compliance Evaluation for FY 2015. Site visits conducted on 7/15/15 and 7/20/15 to evaluate compliance status.
07/13/2015	CEM RATA	Compliance	Annual COMS Audit for Unit 3.
07/13/2015	CEM RATA	Compliance	Annual COMS Audit for Unit 2.
07/09/2015	MACT (Part 63)	Compliance	This Initial Notification report supersedes the notification for 40 CFR 63 DDDDD which was submitted on 5/30/2013. Previous revision was received on 5/15/2013 and a correction to that report was received 5/30/2013. Refer to report B281030126 for the review/comments of this submittal
07/09/2015	Reg. Applicability Determination	Compliance	Review of the Jan 14, 2015 revised MACT DDDDD Initial Notification.
06/16/2015	Other	Compliance	Review of Semiannual Deviation/CAM Report (7/1/2014 through 12/31/2014) and 2014 Annual Certification
06/16/2015	CAM Excursions/Exceedances	Compliance	Semiannual CAM Excursion/Exceedance report (7/1/2014 through 12/31/2014) postmarked 3/11/2014. Zero CAM excursions/exceedances reported. Please see report B281029817.

Activity Date	Activity Type	Compliance Status	Comments
06/16/2015	CAM monitor downtime	Compliance	Semiannual CAM monitor downtime report (7/1/2014 through 12/31/2014) postmarked 3/11/2014; Monitor downtime data previously reported with CEMS/COMS quarterly reports. DTE is considered in compliance at this time. Please see report B281029817
06/16/2015	ROP SEMI 2 CERT	Compliance	Semiannual Deviation Report (7/1/2014 through 12/31/2014) postmarked 3/11/2015. One deviation reported. Please see report B281029817.
06/16/2015	ROP SEMI 2 CERT	Compliance	Semiannual Deviation Report (7/1/2014 through 12/31/2014) for ROP Section 2 postmarked 3/13/2015. No deviations reported. Please see report B281029817 .
06/16/2015	ROP Annual Cert	Compliance	Annual Certification for 2014 - ROP Section 2 postmarked 3/13/2014. No deviations reported. Please see report B281029817
06/10/2015	NSR Emissions Report	Unknown	2014 NSR Emissions Report required by PTI 40-08C for Units 2 and 3 dated 2/27/2015 and received 3/3/2015. DTE resubmitted Tables 1 and 2 on 3/20/15. The original submittal included Belle River Power Plant Data. The compliance status is indeterminate at this time. Compliance status is to be determined by the Permit Section of the AQD.
06/10/2015	Other Non ROP	Unknown	2014 NSR Emissions Report for Units 2 and 3 dated 2/27/2015 and postmarked 3/3/2015. Revised Table RR3-1 received by AQD on 3/20/15. The compliance status is indeterminate at this time. Please see 6/18/2015 letter from AQD Acting Chief Lynn Fiedler to DTE Energy.
06/09/2015	ROP Annual Cert	Compliance	Annual Certification for 2014 - ROP Section 1 postmarked 3/11/2015. Deviations were reported for Boilers 2 and 3. Details previously submitted on the Excess Emission Reports. Refer to Activity Report B281029817

Activity Date	Activity Type	Compliance Status	Comments
06/05/2015	Other	Compliance	2014 MAERS audit. Data was examined during the month of May 2014 and passed audit. For review details refer to MACES Activity Report No. CA B281029677
05/27/2015	MAERS	Compliance	2014 MAERS report received electronically on 3/12/2015. Certification received on 3/16/2015. For audit details refer to report B281029677
04/29/2015	Excess Emissions (CEM)	Compliance	1st Quarter 2015 quarterly report: AQD counts (0) deviations from 6-minute opacity standards and (7) deviations for COMS/CEMS downtimes.
03/16/2015	ROP Other	Compliance	2014 MAERS Report/ROP Certification Form
02/20/2015	ROP Other	Compliance	CAIR NOx emissions information received for the 2014 calendar year. DTE River Rouge claims compliance with CAIR requirements.

Activity Date	Activity Type	Compliance Status	Comments
02/17/2015	Stack Test	Compliance	<p>Test report for PM2.5 and Condensable PM Emissions testing on the exhaust of Unit 2 and 3 at River Rouge Power Plant while burning Recovered Paint Solids (RPS) required by AQD PTI - 40-08E. The report with the results was received on 2/17/15 for testing conducted during the period of December 9 and 30, 2014. There were problems during the first test run on Unit 2 performed Dec 30, and also during the first test run on Unit 3 conducted on December 9 . Both first tests were voided. Emissions were calculated based on three subsequent test runs (Runs 2-4). On Dec 30, due to the limited amounts of RPS coal, the duration of each run was reduced to 60 minutes in an effort to complete 3 runs . There is not a specific limit for PM2.5 emissions in PTI 40-08E. The stack test data is to be utilized to better develop accurate estimates for annual reporting of PM2.5 emissions. The average results were: PM2.5 < 2.27 lbs/hr from Unit 2 @ 235 GMW load, and PM2.5 < 1.08 lbs/hr from Unit 3 @ 275 GMW load.</p> <p>The test satisfied the testing requirements within PTI 40-08E, FG-RPSProject, SC V.1 and V.2 for calendar year 2015. No more testing will be required for PM2.5</p>
02/03/2015	Excess Emissions (CEM)	Compliance	4th Quarter 2014 quarterly report: AQD counts (3) deviations from 6-minute opacity standards and (5) deviations for COMS/CEMS downtimes.
12/02/2014	CEMS Test Observation	Compliance	Review of 2014 Annual COMS Audit for Unit 3. Please see report B281027909
11/18/2014	ROP Other	Compliance	CAIR NOx emissions information received for the 2014 ozone season. DTE River Rouge claims compliance with CAIR requirements.

Activity Date	Activity Type	Compliance Status	Comments
11/13/2014	ROP Other	Compliance	Annual Opacity Monitor Audit No. 3 per ROP Section D-S1, VII.7.. The audit was completed for Unit 3 on September 24, 2014. The audit results revealed that the Continuous Emission Monitor System (COM) for visible emission is within the recommended tolerances. AQD/ TPU reviewed the report and passed the audit.
11/12/2014	CAM Excursions/Exceedances	Compliance	Semiannual CAM Excursion/Exceedance report (1/1/2014 through 6/30/2014) postmarked 9/9/2014. Zero CAM excursions/exceedances reported. Please see report B281027752.
11/12/2014	CAM monitor downtime	Compliance	Semiannual CAM monitor downtime included with the Semiannual ROP Deviation Report (1/1/2014 through 6/30/2014) postmarked 9/9/2014. Monitor downtime data included in this report was also previously reported with CEMS/COMS quarterly reports. Please see report B281027752.
11/12/2014	ROP Semi 1 Cert	Compliance	Semiannual Deviation Report (1/1/2014 through 6/30/2014) postmarked 9/9/2014. One deviation reported. Facility considered to be in compliance. Please see report B281027752.
11/12/2014	ROP Semi 1 Cert	Compliance	Semiannual Deviation Report (1/1/2014 through 6/30/2014) postmarked 9/12/2014. No deviations reported. Please see report B281027752.
11/12/2014	Other	Compliance	Review of Semiannual Deviation/CAM Report (1/1/2014 through 6/30/2014)
11/10/2014	CAM Excursions/Exceedances	Compliance	Semiannual CAM Excursion/Exceedance report (7/1/2013 through 12/31/2013) postmarked 3/11/2014. Zero CAM excursions/exceedances reported. Please see report B281027720.

Activity Date	Activity Type	Compliance Status	Comments
11/10/2014	CAM monitor downtime	Compliance	Semiannual CAM monitor downtime report (7/1/2013 through 12/31/2013) was omitted from the deviation and CAM reports postmarked 3/11/2014; have asked DTE River Rouge to submit an amended report. Monitor downtime data previously reported with CEMS/COMS quarterly reports and so DTE is considered in compliance at this time. Please see report B281027720.
11/10/2014	ROP Annual Cert	Compliance	Annual Certification for 2013 postmarked 3/11/2014. No deviations reported. Please see report B281027720.
11/10/2014	ROP SEMI 2 CERT	Compliance	Semiannual Deviation Report (7/1/2013 through 12/31/2013) postmarked 3/11/2014. No deviations reported. Please see report B281027720.
11/10/2014	ROP Annual Cert	Compliance	Annual Certification for 2013 postmarked 3/11/2014. Three deviations reported. Facility considered to be in compliance. Please see report B281027720.
11/10/2014	ROP SEMI 2 CERT	Compliance	Semiannual Deviation Report (7/1/2013 through 12/31/2013) postmarked 3/11/2014. One deviation reported. Facility considered to be in compliance. Please see report B281027720.
11/10/2014	Other	Compliance	Review of Semiannual Deviation/CAM Report (7/1/2013 through 12/31/2013) and 2013 Annual Certification
10/23/2014	Excess Emissions (CEM)	Compliance	3rd Quarter 2014 quarterly report: AQD counts (8) deviations from 6-minute opacity standards and (18) deviations for COMS/CEMS downtimes.
09/05/2014	CEMS Test Observation	Compliance	Review of Annual COMS Audit for Unit 2
09/05/2014	CEM RATA	Compliance	Review of 2014 COMS audit on Unit 2. Please see report B281026759.
08/07/2014	Other	Compliance	Review of 2nd Quarter 2014 (4/1/2014 through 6/30/2014) Monitoring Report

Activity Date	Activity Type	Compliance Status	Comments
08/07/2014	Excess Emissions (CEM)	Compliance	2nd Quarter 2014 quarterly report: AQD counts (1) deviation from an SO2 standard, (3) deviations from 6-minute opacity standards and (8) deviations for COMS/CEMS downtimes. Deviations are considered minor and source considered in compliance; please see report B281026296.

Name: Nasir Baidood Date: 9/30/15 Supervisor: JK