

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : Midland Cogeneration Venture	SRN : B6527
Location : 100 E. Progress Place	District : Saginaw Bay
	County : MIDLAND
City : MIDLAND State: MI Zip Code : 48640	Compliance Status : Compliance
Source Class : MAJOR	Staff : Sydney Bruestle
FCE Begin Date : 6/13/2014	FCE Completion Date : 11/16/2015
Comments : Onsite Inspection 10/28/15 and 10/29/15	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
10/28/2015	Scheduled Inspection	Compliance	Site Inspection performed on October 28 & 29, 2015 to determine compliance with MI-ROP-B6527-2014 and other state & federal regulations
10/22/2015	ROP Other	Compliance	Compliance Test Report for Unit 14
09/22/2015	ROP Semi 1 Cert	Compliance	Report was late. slb
09/08/2015	CEM RATA	Pending	Notification of testing on FGBOILERS 1-6 scheduled for week of 11-9-15
08/20/2015	Stack Test Observation	Pending	Stack Test Observation August 20, 21, 24, 25, 26, & 27 2015. Tested Turbines 3-14.
07/24/2015	Excess Emissions (CEM)	Compliance	2nd Qtr Emission Monitoring Reports. All down time less than 5% of operating time. slb
06/18/2015	ROP Other		Annual RATA Testing Schedule; EU TURBINES 03-14 tested during weeks of August 19-27, 2015 by Spectrum Systems
04/29/2015	MAERS	Compliance	MAERS Audit completed 4/29/2015 MCV passed MAERS Audit
04/29/2015	Excess Emissions (CEM)	Compliance	1st quarter exceedance report slb

Activity Date	Activity Type	Compliance Status	Comments
03/02/2015	CEM RATA	Compliance	RATA Reviewed slb Also reviewed compliance test report from October 2014, deemed valid by tpu. Emissions were less than 50% of limits in ROP, ran boilers at higher end of normal range during the test. slb
01/29/2015	ROP Annual Cert	Compliance	VOC Rata testing was not completed in 2013, MCV discovered the missed RATA in May 2014 and notified the DEQ. MCV committed to a performance test during the Oct 2014 RATA... MDEQ Accepted MCV's Proposal to test FG-Boiler 1-6 upon written request in the future
01/29/2015	ROP SEMI 2 CERT	Compliance	VOC Rata testing was not completed in 2013, MCV discovered the missed RATA in May 2014 and notified the DEQ. MCV committed to a performance test during the Oct 2014 RATA... MDEQ Accepted MCV's Proposal to test FG-Boiler 1-6 upon written request in the future
01/29/2015	Excess Emissions (CEM)	Compliance	Quarterly CEM Report
12/30/2014	ROP Semi 1 Cert	Compliance	Deviation 1: Facility conducted testing w/FGBBOILER RATA in OCTOBER 2014. additionally, it appears that the condition may have been left in from the PTI in error. The facility conducted the original PTI & NSPS required testing of the boilers. The units burn only NG & following rigorous maintenance plan. FGBOILERS also included in site MAP. Deviation 2: Probe replacement calibration/linearity was done during quarter 1 and quarter 2.
12/09/2014	Excess Emissions (CEM)	Compliance	3rd quarter 2014 Continuous Monitoring Report. rfo 12/9/2014
12/03/2014	Other		owdfjm
11/05/2014	Stack Test	Compliance	CO and NOx Emission Test Report for Unit 8. Run at 52% & 100% load. At 52% load CO avg = 0.291 lb/hr, NOx avg = 77.223 lbs/hr. Permit limit CO = 26 lb/hr, NOx = 159 lb/hr; At 100% load CO avg = 0.67 lb/hr , NOx avg = 104.173 lbs/hr; Permit limit CO = 26 lb/hr, NOx = 159 lb/hr
10/28/2014	Stack Test Observation	Compliance	FGBOILER PM & VOC testing. RATA

Activity Date	Activity Type	Compliance Status	Comments
10/23/2014	Other	Compliance	MCV CEMS 10/23/2014 REPORT REVIEW. RFO12/9/2014
08/20/2014	Stack Test Observation	Pending	EU-TO8 stack test for CO per FG-SITURBINES Sp. Condition V.1. Test run at 100% and at 50% load.
07/29/2014	Excess Emissions (CEM)	Compliance	MCV 2nd Qtr. 2014 Continuous Emission Monitoring Reports; "On 04/18/14 at 22:11 Unit 12 CO2 analyzer N1-ND-0861 needed to be sent out for calibration and was replaced with Like-Kind analyzer N1-ND-0852 and a probationary calibration was done on 04/18/14 at 23:59. A linearity was completed at 10:57 on 04:21:14. The original analyzer N1-ND-0861 was placed back into service at 12 35 on 05/16/14 and a complete auto calibration was done. A linearity was completed at 14:24 on 05/16/14.
07/11/2014	CEM RATA	Compliance	Units 3-14 RATA
07/10/2014	Excess Emissions (CEM)	Compliance	MCV CEMS 1/29/2014 REVIEW, RFO 7/10/2014. 4th Qtr 2013 Emission Monitoring Report. NO EE > 1% operating time. NO CEMS downtime > 5 % operating time. "On 9/23/13 at 13:52 Unit 11 CO2 analyzer N1-ND-0862 needed to be sent out for calibration and was replaced with Like-Kind analyzer N1-ND-0852 and a probationary calibration was done at 14:33. A linearity was completed at 13:18 on 10/01/13. The original analyzer N1-ND-0862 was placed back into service at 08:50 on 10/22/13 and a completed auto calibration was done. A linearity was completed at 09:22 on 10/22/13."
07/09/2014	CEM RATA	Compliance	Notification of schedule for annual CEMS RATA testing on EU TURBINES 03-14 MCV will monitor & record turbine operating status during test

Name:



Date:

11/16/15

Supervisor:

