

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Viking Energy of McBain	SRN : N1160
Location : 6751 W. Gerwoude Dr.	District : Cadillac
	County : MISSAUKEE
City : MCBAIN State: MI Zip Code : 49657	Compliance Status : Compliance
Source Class : MAJOR	Staff : Caryn Owens
FCE Begin Date : 9/9/2013	FCE Completion Date : 9/9/2014
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/09/2014	Scheduled Inspection	Compliance	Scheduled Inspection and Records Review
07/30/2014	Excess Emissions (CEM)	Compliance	MI-ROP-N1160-2012 2nd Quarter 2014 EER. Opacity EE 0.05%, CO EE 3.96%, Nox EE 0.0%, SO2 EE 0.0%. Abnormal CO EE due to plant trip, stoker grate malf. and start up from annual maintenance shut down previously reported. Report was timely and certified. CGA also performed this quarter.
06/16/2014	Rule 912	Compliance	CO and opacity exceedence 4/13/14 due to Consumers Energy direct transfer trip, plant isolated from grid. Hourly CO returned to compliance after reconnecting to grid and returning to full power. AQD received verbal notification of incident and the report was submitted timely and certified.
06/16/2014	Excess Emissions (CEM)	Compliance	MI-ROP-N1160-2012 1st Quarter 2014 EER. Opacity EE 0.01%, CO EE 0.88%, Nox EE 0.0%, SO2 EE 0.0%. Report was timely and certified as required. CGA also performed this quarter.
06/16/2014	Rule 912	Compliance	CO exceedence 5/18/14 due to plant start up from annual outage. Low gas pressure caused delayed start up. AQD received verbal notification at time of incident and the report was submitted timely with certification.

Activity Date	Activity Type	Compliance Status	Comments
04/03/2014	ROP Annual Cert	Compliance	Report was timely with signed certification. Includes summary of CEMS downtime previously reported. One excess opacity and CO deviation covering previously reported excursions.
03/27/2014	ROP SEMI 2 CERT	Compliance	Certification was timely and signed by the responsible official. Deviations refer to monitor downtime and excess opacity and CO.
03/10/2014	MAERS	Compliance	See MAERS for further info.
01/29/2014	Excess Emissions (CEM)	Compliance	MI-ROP-N1160-2012 4th Quarter 2013 EER. Opacity EE 0.03%, CO EE 1.13%, Nox EE 0.0%, SO2 EE 0.0%. Report was timely and certified as required. CGA also performed this quarter.
01/15/2014	Rule 912	Compliance	CO exceedence 1/03/14 due to fuel quality. The fuel blend was changed and combustion parameters adjusted as well as reducing load. Hourly CO returned to compliance. AQD received verbal notification at time of incident and the report was submitted timely with certification.
12/16/2013	Rule 912	Compliance	CO exceedence 10/20/13 due to a malfunction of the combustion fan dampers. Excess CO emissions occurred during unit start-up following the automatic shut-down.. AQD received verbal notification at time of incident and the report was submitted timely with certification.
11/06/2013	ROP Other	Compliance	Annual Airflow Study conducted in conjunction with RATA to determine the average air flow rate to be used in lieu of a flow meter in calculating hourly emission rates for the year. Results of the test indicate the average air flow rates are 56,888 SCFM and 45,841 DSCFM.
11/06/2013	Excess Emissions (CEM)	Compliance	3rd Quarter 2013 EER. Opacity EE 0.00%, CO EE 0.14%, Nox EE 0.0%, SO2 EE 0.0%. Report was timely and certified as required. RATA also performed this quarter.

Activity Date	Activity Type	Compliance Status	Comments
10/02/2013	ROP Semi 1 Cert	Compliance	Certification was timely and signed by the responsible official. Deviations refer to monitor downtime, excess CO and excess opacity previously reported in quarterly reports (1st quarter and 2nd quarter).

Name: Camp Orens Date: 9/9/14 Supervisor: 