

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> ST. CLAIR COMPRESSOR STATION	<b>SRN :</b> B6637
<b>Location :</b> 10021 MARINE CITY HWY.	<b>District :</b> Southeast Michigan
	<b>County :</b> SAINT CLAIR
<b>City :</b> IRA TWP <b>State:</b> MI <b>Zip Code :</b> 48023	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Sebastian Kallumkal
<b>FCE Begin Date :</b> 1/1/2013	<b>FCE Completion Date :</b> 4/24/2014
<b>Comments :</b> From the information collected during the inspection and records review, the facility appears to be in compliance with the ROP requirements.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
04/02/2014	Scheduled Inspection	Non Compliance	Onsite Inspection
03/26/2014	ROP Other	Compliance	MAERS Certification- Signed
03/18/2014	ROP Annual Cert	Compliance	Deviations corrected. Acceptable explanation and compliance plan.
03/18/2014	ROP SEMI 2 CERT	Compliance	Operated Turbine C1-2 above established operating range for 7 days due to operator's error. Corrected. Compliance.
03/18/2014	CAM Excursions/Exceedances	Compliance	CAM Reports- No down time.
10/22/2013	Release Reports	Compliance	Natural gas release; Rule 285 (mm) notification. STC Form Line 1500 Macomb Pipe replacement on 10/25/2013; 5.64 MMCF Reported by: David Malewitz (517 788 1481)
09/30/2013	ROP Semi 1 Cert	Compliance	Deviation Corrected (Operated the turbines above the NGP range for few days)
09/30/2013	ROP Other	Compliance	Amendment to Semi-Annual report dated September 13, 2012. Operated Turbines above the range. Corrected.
09/30/2013	ROP Other	Compliance	Amendment to Annual Compliance Certification and Semi-Annual Report dated March 14, 2013. Operated turbines above the ranges. Corrected.
09/30/2013	CAM Excursions/Exceedances	Compliance	No exceedance/excursion.

Activity Date	Activity Type	Compliance Status	Comments
09/13/2013	Release Reports	Compliance	Natural gas vent report pursuant to Rule 285 mm. 310 MMCF of NG to routine maintenance. email in file
05/06/2013	MAERS	Compliance	<p>As I mentioned on the voicemail message this morning, the NOx and CO emissions that were reported in the 2012 MAERS report for St. Clair turbines 1-1 and 1-2 were correct. Prior to 2012, the full rated horsepower was used in the bhp-hr calculation. However, this did not take into account actual site conditions (i.e., elevation and ambient air temperature) and engine operation (i.e., losses through the inlet and exhaust duct systems). Beginning in 2012, software from the turbine manufacturer, Solar, is used to properly assess site-specific horsepower based on actual site conditions and operation. Therefore, even though total operating hours and fuel usage increased in 2012, the bhp-hrs decreased (were reported more accurately), resulting in lower NOx and CO emissions.</p> <p>2011 bhp-hrs = 8,866,576 2012 bhp-hrs = 8,242,042</p>
03/29/2013	ROP Other	Compliance	2012 MAERS Certification
03/29/2013	ROP Annual Cert	Compliance	Pilot flame out for 227 min during diff days. Gas line frozen-External heater installed- Acceptable- Compliance
03/29/2013	ROP SEMI 2 CERT	Compliance	Pilot flame out for 227 min during diff days. Gas line frozen-External heater installed- Acceptable- Compliance
03/29/2013	ROP Other	Compliance	CAM REPORTS
01/31/2013	Scheduled Inspection	Compliance	Onsite Inspection and records review

Name: S. Kallumkal

Date: 4/24/14

Supervisor: CJE