

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> FCA US Technology Center	<b>SRN :</b> N1436
<b>Location :</b> 800 Chrysler Drive CIMS 482-00-51	<b>District :</b> Southeast Michigan
	<b>County :</b> OAKLAND
<b>City :</b> AUBURN HILLS <b>State:</b> MI <b>Zip Code :</b> 48326	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Samuel Liveson
<b>FCE Begin Date :</b> 7/1/2016	<b>FCE Completion Date :</b> 7/28/2017
<b>Comments :</b> Scheduled inspection of a Title V source.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
07/17/2017	Scheduled Inspection	Compliance	Scheduled inspection of a Title V source.
05/26/2017	ROP Other	Compliance	Air Emission Test Report. NOx and CO emission factors appear to be below emission limits in facility ROP for FG-CNTRLDCELLS-S2.
05/25/2017	MAERS	Compliance	MAERS Report Submission. Verify composite CO emission factor for FG-CNTRLD-CELLS and RG-UNCNTRLD-CELL. EU-RobgdSpyBth solvent appears to have changed from last year to a solution with 0 VOC per Method 24.
04/12/2017	ROP Other	Compliance	MAERS Certification form.
04/12/2017	ROP Annual Cert	Compliance	Report received timely. No deviation reported for section 1.-SL
04/12/2017	ROP SEMI 2 CERT	Compliance	Report received timely. No deviation reported for section 1.-SL

Activity Date	Activity Type	Compliance Status	Comments
04/12/2017	ROP Annual Cert	Compliance	Deviations: (1) Stack test CO emission limit exceedance. Facility previously issued VN and retest results pending. OK. (2) Engines may not have been operating from 4:05 PM to 5:02 on 3/31/16, pending investigation, so thermal oxidizer may not have needed to operate. OK. (3) Temperature records from 4:05 PM to 5:02 PM on 3/31/16 were not recorded. Average 3-hour temperature remained above 1400 degrees F per FG-CAMRTO-S2 Condition VI.1. OK.
04/12/2017	ROP SEMI 2 CERT	Compliance	(1) Stack test CO emission limit exceedance. Facility previously issued VN and retest results pending. OK.
03/22/2017	Stack Test Observation	Compliance	Observe retest of CO and NOx emissions.
02/24/2017	Meeting Notes		Discuss NOx and CO Stack Test Retest, plus PTI No. 305-95E Modification.
11/28/2016	ROP Other	Non Compliance	Air Emission Test Report for Dynamometer Engine Test Cells. Facility will receive VN for exceeding CO emission rate of 0.01 lbs CO/gallon fuel. CO emissions from Wing C Oxidizer 4.01 are 0.017 pounds CO/gallons of fuel. CO emissions from Wing D, Oxidizer 4.01 are 0.029 pounds CO/gallons of fuel.
09/30/2016	ROP Semi 1 Cert	Compliance	Received timely. No deviations reported.
09/30/2016	ROP Semi 1 Cert	Compliance	Received timely. FCA reported one hour of data logging interruption for oxidizer temperatures on March 31. The three-hour average operating temperature did not appear to deviate below the permit limit because no automatic shutoff occurred and temperatures before and after the data record interruption remained above 1400 degrees F.
08/30/2016	Stack Test Observation		Stack test observation of VOC, NOX, and CO emission rates from FG-CNTRLDCELLS-S2 and FG-UNCNTRLDCELLS-S2.
07/29/2016	Meeting Notes		Meeting at FCA-CTC to discuss upcoming stack test.

Activity Date	Activity Type	Compliance Status	Comments
07/18/2016	Meeting Notes		Discussion of emission testing for VOC, CO, and NOx scheduled for the week of August 29th.

Name: *San L* Date: 7/28/17 Supervisor: *SK*  
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