

M4199  
MAWILK-FCE

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

FCE Summary Report

<b>Facility :</b> GENERAL MOTORS LLC DETROIT-HAMTRAMCK ASSEMBLY	<b>SRN :</b> M4199
<b>Location :</b> 2500 E GENERAL MOTORS BLVD	<b>District :</b> Detroit
	<b>County :</b> WAYNE
<b>City :</b> DETROIT <b>State:</b> MI <b>Zip Code :</b> 48211	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> C. Nazaret Sandoval
<b>FCE Begin Date :</b> 9/26/2018	<b>FCE Completion Date :</b> 9/26/2019
<b>Comments :</b> FCE FY 2019	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
09/23/2019	Other	Compliance	Review of VOC Protocol, NSPS MM and MACT VIII Reports for period July1, 2018 through June 30, 2019. Consolidated review summarized in compliance activity report No. CA_M419950484
07/18/2019	MACT (Part 63)	Compliance	MACT VIII semiannual report (1/2019 through 6/2019), post marked 7/18/2019. No deviation from the emission limitations or work practices were reported for the reporting period. For details see MACES report No. M419950484.
07/18/2019	CAM Excursions/Exceedances	Compliance	No CAM excursions or exceedances reported for period 1/1/2019 to 6/30/2019 for ROP Section 2.
07/18/2019	CAM Excursions/Exceedances	Compliance	Three (3) CAM excursions reported for period 1/1/2019 to 6/30/2019 for ROP Section 1. No exceedances reported. For details see deviation report comments under ROP Semi 1 Cert.
07/18/2019	CAM monitor downtime	Compliance	CAM semiannual monitor downtime report (1/1/2019 through 6/30/2019) postmarked 7/18/2019. No monitor downtime reported for Section 1.

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07/18/2019	CAM monitor downtime	Compliance	CAM semiannual monitor downtime report (1/1/2019 through 6/30/2019) postmarked 7/18/2019. No monitor downtime reported for Section 2.
07/18/2019	ROP Semi 1 Cert	Compliance	<p>Semiannual Certification Report for period 1/1/2019 through 6/30/2019, postmarked 7/18/2019. Three (3) deviations were reported for ROP Section 1 as cited below:</p> <p>EUPRIMERSURFACER (Date:2/1/2019; Duration:14 minutes; Deviation: North Prime Oven fell below 1300 F.) EUTOPCOATSYSTEM (Date:3/5/2019; Duration:8 minutes; Deviation: MOD 3 Oven fell below 1300 F) EUTOPCOATSYSTEM (Date:6/26/2019; Duration:1 minute; Deviation: MOD 4 Oven fell below 1300 F)</p> <p>For all deviations reported, only one vehicle was inside the cited oven at the time of failure and no new vehicles entered the oven. No emission exceedances occurred. For additional details about the causes of deviations and corrective actions, refer to GM Deviation Reports in AQD files.</p>
07/16/2019	NSPS (Part 60)	Compliance	NSPS VOC report for period 1/1/2019 through 6/30/2019. Please see report M419950484
07/16/2019	Other Non ROP	Compliance	VOC Protocol semiannual report (1/1/2018 through 12/31/2018). Please see report MI419950484
07/01/2019	ROP Semi 1 Cert	Compliance	Semiannual deviation report (1/1/2019 through 6/30/2019) postmarked 7/18/2019. Zero deviations reported for the boiler house (Section 2).
05/28/2019	Other	Compliance	2018 MAERS review comments - See report No. CA_M419948934
03/15/2019	CAM Excursions/Exceedances	Compliance	No CAM excursions or exceedances reported for period 1/1/2019 to 6/30/2019 for ROP Section 2.
03/15/2019	CAM Excursions/Exceedances	Compliance	Six(6) CAM excursions reported for period 7/1/2018 to 12/31/2018 for ROP Section 1. No exceedances reported. For details see deviation report comments under ROP Semi 2 Cert.

Activity Date	Activity Type	Compliance Status	Comments
03/15/2019	CAM monitor downtime	Compliance	CAM semiannual monitor downtime report (7/1/2018 through 12/31/2018) postmarked 3/15/2019. No monitor downtime reported for Section 1.
03/15/2019	CAM monitor downtime	Compliance	CAM semiannual monitor downtime report (7/1/2018 through 12/31/2018) postmarked 3/15/2019. No monitor downtime reported for Section 2.

Activity Date	Activity Type	Compliance Status	Comments
03/15/2019	ROP SEMI 2 CERT	Compliance	<p>Semiannual Certification Report for period 7/1/2018 through 12/31/2018, postmarked 3/15/2019. Six (6) deviations were reported for ROP Section 1 as cited below:</p> <p>All deviations occurred at EUTOPCOATSYSTEM with MOD ovens incinerators temperatures falling below 1300 F. No emission exceedances occurred and no new vehicles entered the ovens after temperature fell below 1300 F.</p> <p>MOD 7 - one (1) deviation on 8/10/2018 for 5 minutes, one vehicle in the oven.  MOD 2 - four (4) deviations in September [9/10 for 14 min, 9/18 for 3 min, 9/24 for 11 min, and 9/27 for 5 min] with one vehicle in the oven, except for 9/10/2019 when two vehicles were in the oven. MOD 3 - one (1) deviation on 11/28/2018 lasted 5 minutes and two vehicles were in the oven.</p> <p>According to GM deviation reports the most probable cause for the incidents reported for MOD 2 was associated with an air flow tube being dirty. The problem was solved by cleaning the tube, replacing the fan belts and checking the dampers. The MOD 7 incident was apparently caused by a human error that lead to the shut off of the oven prior to the last vehicle being fully cured. In this case GM standard operational procedures were revised to avoid recurrence. For MOD 3, the cause seemed to have been a damper inadvertently moved causing Zone 1 thermocouple to overheat due to excess air flow. Damper position was corrected to ensure proper air flow.</p>

Activity Date	Activity Type	Compliance Status	Comments
03/15/2019	ROP Annual Cert	Compliance	Annual certification report (1/1/2018 through 12/31/2018) postmarked 3/15/2019. A total of nine (9) deviations were reported for ROP Section 1 in year 2018. Three (3) for the first semester of the year and six (6) for the second semester. Please refer to ROP Semi 1 Cert and ROP Semi 2 Cert report comments for deviation details.
03/15/2019	ROP Annual Cert	Compliance	Annual certification report (1/1/2018 through 12/31/2018), ROP Section 2, postmarked 3/15/2019. No deviations reported.
03/15/2019	ROP SEMI 2 CERT	Compliance	Semiannual Certification Report for period 7/1/2018 through 12/31/2018, ROP Section 2, postmarked 3/15/2019. No deviations reported.
03/15/2019	MACT (Part 63)	Compliance	MACT IIII semiannual report (7/1/2018 through 12/31/2018), postmarked 3/15/2019. No deviation from the emission limitations or work practices were reported for the reporting period. For details see MACES report No. M419950484.
03/15/2019	ROP Other	Compliance	2018 MAERS ROP Certification Report Form - Section 2. Timely submitted, postmarked 3/15/2019
03/15/2019	ROP Other	Compliance	2018 MAERS ROP Certification Report Form - Section 1. Timely submitted, postmarked 3/15/2019.
03/14/2019	MAERS	Compliance	2018 MAERS report was received electronically on 3/14/2019. Certification form postmarked 3/15/2019. For AQD audit comments refer to report M419948934
01/29/2019	NSPS (Part 60)	Compliance	NSPS VOC report for period 7/1/2018 through 12/31/2018. Please see report M419950484.
01/29/2019	Other Non ROP	Compliance	VOC Protocol semiannual report (7/2018 through 12/2018). Please see report MI419950484

Name: *A. Andoral* Date: *9/26/2019* Supervisor: *JK*