

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility :	FCA US LLC Sterling Heights Assembly plant	SRN :	B7248
Location :	38111 Van Dyke CIMS 450-34-00	District :	Warren
		County :	MACOMB
City :	STERLING HTS	State:	MI
Zip Code :	48312	Compliance Status :	Compliance
Source Class :	MAJOR	Staff :	Iranna Konanahalli
FCE Begin Date :	9/27/2022	FCE Completion Date :	9/27/2024
Comments :	FCA SHAP is in compliance with MI-ROP-B7248-2020a.		

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/24/2024	On-site Inspection	Compliance	ROP CMS scheduled FY 2024 inspection of FCA US LLC, Sterling Heights Assembly Plant (SHAP) ("FCA SAHP" or "SHAP") located at 38111 Van Dyke Ave., Sterling Heights, Michigan 48340-2920.
05/28/2024	ROP Qrtly Cert	Compliance	Fourth Quarter 2023 Emissions Report.. FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): 2023Q4 VOC Report – 274,814 vehicles painted and 229,873 lb VOC -minus solvents (CY2023). NORTH = CAB & SOUTH = BOX. North CAB painted = 16,434 & Vehicles built = 16,005 in Oct 2023. 2.86 lb/GCSA (North PS). Limit 4.5 ppj for FG-FACILITY-NORTH (CAB) minus cleanup solvents.

Activity Date	Activity Type	Compliance Status	Comments
05/03/2024	ROP Qrtly Cert	Compliance	First Quarter 2024 Emissions Report. FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): 2024Q1 VOC Report – 23,470 vehicles painted and 20,656 vehicles built (Jan 2024).
04/12/2024	ROP Annual Cert	Compliance	Annual Compliance Certification. FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): MI-ROP-B7248-2020a. Annual (Jan-Dec 2023) = Compliance, Semi2 (Semi Annual July-Dec 2023) = NIL deviation during. CAM FG-CAM (Jan-Dec 2023) = 0 excursion. CAM downtime = NIL. MiEnviro Annual Air Emissions Cert = Y. RTO Temperature = NIL excursion. Auto MACT IIII (0.30 lb of HAPs per gal of coating solids deposited) = Compliance. NSPS MM 60.392 = Compliance.
04/12/2024	ROP SEMI 2 CERT	Compliance	Semi Annual Compliance Certification (July-Dec). FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): MI-ROP-B7248-2020a. Annual (Jan-Dec 2023) = Compliance, Semi2 (Semi Annual July-Dec 2023) = NIL deviation during. CAM FG-CAM (Jan-Dec 2023) = 0 excursion. CAM downtime = NIL. MiEnviro Annual Air Emissions Cert = Y. RTO Temperature = NIL excursion. Auto MACT IIII (0.30 lb of HAPs per gal of coating solids deposited) = Compliance. NSPS MM 60.392 = Compliance.

Activity Date	Activity Type	Compliance Status	Comments
04/12/2024	CAM Excursions/Exceedances	Compliance	FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): MI-ROP-B7248-2020a. Annual (Jan-Dec 2023) = Compliance, Semi2 (Semi Annual July-Dec 2023) = NIL deviation during. CAM FG-CAM (Jan-Dec 2023) = 0 excursion. CAM downtime = NIL. MiEnviro Annual Air Emissions Cert = Y. RTO Temperature = NIL excursion. Auto MACT IIII (0.30 lb of HAPs per gal of coating solids deposited) = Compliance. NSPS MM 60.392 = Compliance.
04/12/2024	Annual Emissions Report (or MAERS)	Compliance	ROP Certification for SLEIS submittal. FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): MI-ROP-B7248-2020a. Annual (Jan-Dec 2023) = Compliance, Semi2 (Semi Annual July-Dec 2023) = NIL deviation during. CAM FG-CAM (Jan-Dec 2023) = 0 excursion. CAM downtime = NIL. MiEnviro Annual Air Emissions Cert = Y. RTO Temperature = NIL excursion. Auto MACT IIII (0.30 lb of HAPs per gal of coating solids deposited) = Compliance. NSPS MM 60.392 = Compliance.
04/12/2024	MACT (Part 63)	Compliance	Semi-Annual Compliance Report for Surface Coating of Autos and Light Duty Trucks (Auto MACT) and Boiler MACT. FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): MI-ROP-B7248-2020a. Annual (Jan-Dec 2023) = Compliance, Semi2 (Semi Annual July-Dec 2023) = NIL deviation during. CAM FG-CAM (Jan-Dec 2023) = 0 excursion. CAM downtime = NIL. MiEnviro Annual Air Emissions Cert = Y. RTO Temperature = NIL excursion. Auto MACT IIII (0.30 lb of HAPs per gal of coating solids deposited) = Compliance. NSPS MM 60.392 = Compliance.

Activity Date	Activity Type	Compliance Status	Comments
11/29/2023	ROP Other	Compliance	<p>Paint solids transfer efficiency (TE) and Oven Efficiency (OCE) testing report testing of the Topcoat operations (FG-AUTO MACT), for one (1) representative Topcoat (EU-TOPCOAT2-NORTH).</p> <p>FCA US LLC SHAP (B7248) Sterling Heights Assembly Plant (SHAP) MI-ROP-B7248-2020 North CAB & South BOX: North paint shop (CAB) Transfer Efficiency (TE) & Capture Efficiency (CE) tests. Representative topcoat line EU-TOPCOAT2-NORTH (CAB). RWDI 2306844 dated November 20, 2023. Testing from Oct 3 thru 4, 2023. Basecoat (White Solid BC) TE= 69.8% & CE =59.7%. Basecoat (Black Metallic) = 74.5% & CE = 69.2%. Clearcoat (CC) TE = 75.7% & CE = 88.1%.</p>
11/01/2023	ROP Qrtly Cert	Compliance	<p>Third Quarter 2023 Emissions Report..</p> <p>FCA US LLC Sterling Heights Assembly plant (B7248): 3Q2023 VOC Report. Compliance.</p>
08/21/2023	ROP R215 Notification	Compliance	<p>Change in Responsible Official to Tommie Tounsel (from James Gholston).</p> <p>FCA US LLC Sterling Heights Assembly plant (FCA SHAP) (B7248): Responsible Official Name Change from James Gholston to Tommie Tounsel, Plant Manager,</p>
05/10/2023	ROP Qrtly Cert	Compliance	<p>First Quarter 2023 Emissions Report.</p> <p>FCA US LLC SHAP (B7248), Sterling Heights Assembly Plant (SHAP): 1Q2023 VOC Report - 31329 vehicles painted and 26,771 vehicles built (Jan 2023),</p>
03/21/2023	Annual Emissions Report (or MAERS)	Compliance	MAERS Report Submission.

Activity Date	Activity Type	Compliance Status	Comments
03/21/2023	ROP Other	Compliance	FINAL Compliance Testing Report for EU-BOILER1, EU-BOILER2 and EU-BOILER 3 for NOx and PM10/PM2.5. FCA STERLING HEIGHTS ASSEMBLY PLANT (B7248) RWDI #2307877 March 06, 2023, Boilers 1-3 (MI-ROP-B7248-2020, FG-BOILERS & FG-FACILITY-NORTH, V.1.c-e) PM, PM10, PM2.5, NOx test report: The limits are for all NORTH ops
03/21/2023	ROP Annual Cert	Compliance	FCA US LLC Sterling Heights Assembly plant (SHAP) (B7248): Annual (Jan-Dec 2022) = compliance, Semi2 (Jul-Dec 2022) = 0 dev., Auto MACT 4I = Compliance < 0.3 lb/GCSD, CAM = 0 exceedance, RTO T = 0 dev.,
03/21/2023	ROP SEMI 2 CERT	Compliance	FCA US LLC Sterling Heights Assembly plant (SHAP) (B7248): Annual (Jan-Dec 2022) = compliance, Semi2 (Jul-Dec 2022) = 0 dev., Auto MACT 4I = Compliance < 0.3 lb/GCSD, CAM = 0 exceedance, RTO T = 0 dev.,
03/21/2023	MACT (Part 63)	Compliance	Semi-Annual Compliance Report for Surface Coating of Autos and Light Duty Trucks (Auto MACT) and Boiler MACT. FCA US LLC Sterling Heights Assembly plant (SHAP) (B7248): Annual (Jan-Dec 2022) = compliance, Semi2 (Jul-Dec 2022) = 0 dev., Auto MACT 4I = Compliance < 0.3 lb/GCSD, CAM = 0 exceedance, RTO T = 0 dev.,
03/21/2023	CAM Excursions/Exceedances	Compliance	Company is reporting no CAM exceedances/excursions during the reporting period. FCA US LLC Sterling Heights Assembly plant (SHAP) (B7248): Annual (Jan-Dec 2022) = compliance, Semi2 (Jul-Dec 2022) = 0 dev., Auto MACT 4I = Compliance < 0.3 lb/GCSD, CAM = 0 exceedance, RTO T = 0 dev.,
02/03/2023	ROP Qrtly Cert	Compliance	Fourth Quarter 2022 Emissions Report. FCA US LLC Sterling Heights Assembly plant B7248 4Q2022 VOC Report dated Jan 30, 2023

Activity Date	Activity Type	Compliance Status	Comments
12/07/2022	ROP Other	Compliance	FINAL Compliance Source Testing Report for EU-ENG-PSHOP-NC-701HP for CO, NOx, and VOCs.\ RWDI #2201099 date Oct 06, 2022 NSPS 4J SI RICE Engine 1/3YR non-certified engine test
10/14/2022	ROP Semi 1 Cert	Compliance	ROP Semi1 Certification received on time. No deviations reported. Semi1 (Jan-June 2022) = 0 dev. Auto MACT 4I (Jan-Jun 2022) = zero deviation. Auto CAM (Jan-Jun 2022) = zero EXCURSION
10/14/2022	CAM Excursions/Exceedances	Compliance	Compliance Assurance Monitoring (CAM) excursions or exceedances. Semi1 (Jan-June 2022) = 0 dev. Auto MACT 4I (Jan-Jun 2022) = zero deviation. Auto CAM (Jan-Jun 2022) = zero EXCURSION
10/14/2022	MACT (Part 63)	Compliance	Semi-Annual Compliance Report for Surface Coating of Autos and Light Duty Trucks (Auto MACT) and Boiler MACT. No exceedance identified in the report. Semi1 (Jan-June 2022) = 0 dev. Auto MACT 4I (Jan-Jun 2022) = zero deviation. Auto CAM (Jan-Jun 2022) = zero EXCURSION

Name: *J. S. McNamee* Date: 09-27-2024

Supervisor: *Joyce*