

EMISSIONS SUMMARY REPORT

Vehicle ID:	X4XXX6355 / 045M554	Test ID:	X4XXX6355_HWFE2X020719072801 / 1111012143		
Test Req:	082012190844-5	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 7	Start Time:	07/28/2019 12:03:28
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	07/28/2019 12:29:14
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight:	6000
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	18.36
Start Odometer:	81890	Fuel Anal.#:	10762	Road Load Coeff B:	.5270
AutoLoad File:	None	INCA Project File:	X4XXX6355.exp	Road Load Coeff C:	0.02482
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 GRAND CHERBLUE	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline in as-received condition. AEM was applied in the field by dealership.

Seq. Purpose: MY14 WK Baseline with AEM applied

Individual Cycles:(Grams/Mile)	Tailpipe:											
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0016	.0002	.0034	.0191	.0009	286.7	.0004	.0001	762.8	35.4512		10.246

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0048	.0005	.0094	.0176	.0037	892.6	.0017	.0000	217.1	11.3945		0
CRUISE	.0054	.0005	.0142	.1620	.0044	1234.3	.0018	.0007	315.1	8.2444		0
DECEL	.0028	.0003	.0049	.0059	.0004	261.2	.0000	.0000	89.2	38.9841		0
STEADY	.0034	.0004	.0063	.0106	.0012	549.7	.0002	.0000	141.5	18.5007		0
TOTAL	.0164	.0017	.0347	.1961	.0096	2937.8	.0037	.0007	762.8			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0016	.0002	.0034	.0191	.0009	286.7	.0004	.0001	762.8	35.4512	0	10.246

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00407	.02520	.00095	278.454	.00000	.00166	.00095	0.00125	36.5971	

Drive Metrics:	
CSI	RMS
2.512	.193

SAE Drive Metrics:										
	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,779,200	11,819,400	-0.340	16,491.0	16,508.5	-0.106	-0.235	-1.399	-1.888	0.2711

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 07/28/2019 12:42:22

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.005
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.710
Weighted Dilution factor	9.670
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
CVS K Coeff	254.900
Soak Duration(Hrs)	26
Threshold	350
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Low
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y

Test Comments

Emission Summary Report

Sequence Purpose

MY14 WK Baseline with AEM applied

Engr. SpclInst

DiagRA data needs taken before and after each sequence

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Shift Comments

D| Dual Exhaust

Sampling Type List

None — None — DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

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