EMISSIONS SUMMARY REPORT

Vehicle ID:	**X4XXX6355 / 045M554**	Test ID:	**X4XXX6355_SC032X020719072801 / 1111012145**		
Test Req:	**082012190844−7**	Location:	CHRYSLER TECH CENTER		
Test Type:	**SC03(2X)**	Facility:	**Test Cell 7**	Start Time:	**07/28/2019 13:52:00**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**07/28/2019 14:21:11**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	18.36
Start Odometer:	81927	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:	95	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	100.00
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	.2706	.0654	.2148	.1042	.0044	4404.5	.0000	.0000	8.1	2.3101		.005
Cycle2	.0789	.0194	.0658	.2879	.0500	550.7	.0469	.0070	135.1	18.4443		.989
Cycle3	.0311	.0069	.0267	.0086	.0674	529.7	.0573	.0174	61.8	19.1955		.396
Cycle4	.0083	.0029	.0067	.0070	.0083	521.3	.0078	.0008	102.0	19.5298		.757
Cycle5	.0068	.0020	.0060	.0052	.0003	378.4	.0000	.0000	130.6	26.9175		1.212
Cycle6	.0202	.0054	.0167	.0102	.0001	599.5	.0000	.0000	48.5	16.9858		.231

Modal Test Results:(Grams)

Phase: 1

IDLE	.0046	.0011	.0038	.0019	.0001	103.2	.0000	.0000	35.3	98.7792	0	
ACCEL	.0813	.0197	.0661	.2598	.0801	1205.3	.0741	.0139	262.6	8.4400	0	
CRUISE	.0037	.0010	.0030	.0025	.0001	163.0	.0000	.0000	49.3	62.4235	0	
DECEL	.0214	.0064	.0200	.0384	.0025	297.4	.0009	.0005	138.7	34.2471	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1	.0000	0	
TOTAL	.1110	.0282	.0929	.3026	.0828	1769.1	.0750	.0144	486.1		0	

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	.0309	**.0079**	**.0259**	**.0843**	**.0231**	**492.7**	**.0209**	**.0040**	**486.1**	**20.6312**	**0**	**3.590**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.02874	.07045	.02371	479.684	.00601	.02210	.0297	.02972	0.02668	21.1910

Drive Metrics:

CSI	RMS
1.817	.266

SAE Drive Metrics:

CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)

Phase: 1	4,876,670	4,865,000	0.240	5,776.6	5,760.9	0.272	−0.032	0.254	0.414	0.4411

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 07/29/2019 01:28:08

Validator's Comments: This test is valid

Test Options:

Option	**Description**
Induced Failure	
DHFID Hangup value	.015
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.860
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.700
Weighted Dilution factor	24.880
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	28
Threshold	350
CVS K Coeff	539.114
Solar Intensity (in percent)	90.000
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
Solar Profile Name	JA_850
CVS Venturi Selection	Medium
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
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
Solar Required	Y

Sequence Purpose
MY14 WK baseline with AEM applied
Engr. SpclInst
DiagRA data needs taken before and after each sequence
Req Spcl Inst
With the vehicle on, close all windows 1) For automatic systems press the Auto button and set temp to 72F(22 C). ** a) Do not depress any other buttons on HVAC 2) For Manual systems ** a) Turn AC on ** b) Set AC max ** c) Set system to recirculate ** d) Set fan speed to highest setting ** e) Set temperature to coldest setting
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
Emissions baseline in as−received condition. AEM was applied in the field by dealership.
Informational Report Comments
ProcLnch − Initialization failure for INCA! Retry?
SolStop − Do you want to keep the solar lights on?