EMISSIONS SUMMARY REPORT

Vehicle ID:	**X5XXX2254 / 043M193**	Test ID:	**X5XXX2254_SC032X020719060601 / 1111011473**		
Test Req:	**082012190636−7**	Location:	CHRYSLER TECH CENTER		
Test Type:	**SC03(2X)**	Facility:	**Test Cell 7**	Start Time:	**06/06/2019 17:58:24**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**06/06/2019 18:27:49**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	−3.8800
Start Odometer:	73046	Fuel Anal.#:	10762	Road Load Coeff B:	.2803
AutoLoad File:	None	INCA Project File:	X5XXX2254_WorkSpace.exp	Road Load Coeff C:	0.03172
Cell Temp Set Pt:	95	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	100.00
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM BROWN	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline after application of AEM and 1000miles accumulated on MA.

Seq. Purpose: MY15 DS baseline with AEM applied

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.3291	.0168	.3326	.1223	.0087	4557.6	.0000	.0000	7.7	2.2319		.005
Cycle2	.1254	.0143	.1315	.0094	.0690	500.9	.0639	.0118	131.0	20.2943		.988
Cycle3	.0546	.0065	.0581	.0131	.1024	528.9	.0821	.0344	61.0	19.2290		.392
Cycle4	.0104	.0012	.0132	.0121	.0096	531.3	.0076	.0019	100.7	19.1618		.753
Cycle5	.0080	.0018	.0080	.0080	.0004	358.6	.0000	.0000	132.5	28.3417		1.211
Cycle6	.0204	.0038	.0195	.0137	.0005	550.1	.0000	.0000	49.0	18.4988		.233

Modal Test Results:(Grams)

Phase: 1

IDLE	.0049	.0004	.0053	.0026	.0003	109.2	.0000	.0000	35.9	93.3426	0	
ACCEL	.1369	.0138	.1429	.0237	.1106	1143.9	.0983	.0258	253.8	8.8913	0	
CRUISE	.0050	.0011	.0043	.0037	.0005	158.2	.0003	.0000	52.9	64.3975	0	
DECEL	.0221	.0055	.0258	.0070	.0047	275.0	.0024	.0008	139.2	36.9915	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0	
TOTAL	.1690	.0207	.1783	.0370	.1162	1686.2	.1010	.0266	481.9		0	

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

	.0472	**.0058**	**.0498**	**.0103**	**.0324**	**470.8**	**.0282**	**.0074**	**481.9**	**21.5972**	**0**	**3.582**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.05208	.00345	.04052	469.630	.00919	.05087	.0497	.04971	0.05677	21.6424

Drive Metrics:

CSI	RMS
.840	.278

SAE Drive Metrics:

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

Phase: 1	4,751,180	4,652,630	2.118	5,764.8	5,760.8	0.069	2.007	0.220	0.245	0.4656

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / spp23 Date: 06/07/2019 05:28:21

Validator's Comments: This test is valid

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.018
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.833
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.761
MINI DILUTER T/P DILUTION RATIO	8.680
Weighted Dilution factor	25.270
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	24
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
MY15 DS baseline with AEM applied
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 after application of AEM and 1000miles accumulated on MA.
Informational Report Comments
SolInit − Solar simulator is in manual mode. Please place in remote mode.
ProcLnch − Initialization failure for INCA! Retry?
SolStop − Do you want to keep the solar lights on?