EMISSIONS SUMMARY REPORT

Vehicle ID:	**X4XXX6788 / 030M102**	Test ID:	**X4XXX6788_HWFE2X020719050801 / 1111011087**		
Test Req:	**082012190491−5**	Location:	CHRYSLER TECH CENTER		
Test Type:	**HWFE(2X)**	Facility:	**Test Cell 7**	Start Time:	**05/08/2019 15:44:27**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/08/2019 16:10:12**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	19.55
Start Odometer:	79046	Fuel Anal.#:	10762	Road Load Coeff B:	.4196
AutoLoad File:	None	INCA Project File:	MY14WK_ConsentDecree_2.exp	Road Load Coeff C:	0.02464
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 CHERBLACK	Emissions Standard:	Fed. BIN 5

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

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	.0063	.0030	.0037	.0064	.0001	279.4	.0000	.0000	742.6	36.4679		10.248

Modal Test Results:(Grams)

Phase: 1												
ACCEL	.0183	.0091	.0102	.0194	.0005	866.8	.0000	.0000	211.3	11.7356	0	
CRUISE	.0261	.0123	.0155	.0273	.0003	1206.8	.0000	.0000	306.6	8.4298	0	
DECEL	.0086	.0041	.0051	.0061	.0000	253.7	.0000	.0000	88.0	40.0553	0	
STEADY	.0121	.0055	.0073	.0126	.0001	536.3	.0000	.0000	136.8	18.9828	0	
TOTAL	.0651	.0309	.0382	.0654	.0008	2863.5	.0000	.0000	742.6		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0063	**.0030**	**.0037**	**.0064**	**.0001**	**279.4**	**.0000**	**.0000**	**742.6**	**36.4679**	**0**	**10.248**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00108	.00102	.00013	271.345	.00000	.00198	.00013	0.00107	37.5487

Drive Metrics:

CSI	RMS
−.670	.223

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,731,000	11,818,500	−0.740	16,493.4	16,507.3	−0.084	−0.661	−3.173	−3.797	0.3147

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2019 16:23:46

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.006
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.720
Weighted Dilution factor	9.930
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)	28
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

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
Emissions baseline after application of AEM and 1000miles accumulated on MA.