EMISSIONS SUMMARY REPORT

Vehicle ID:	**X6XXX8061 / 031M287**	Test ID:	**X6XXX8061_HWFE2X020819082801 / 1111535749**		
Test Req:	**082012191012−5**	Location:	CHRYSLER TECH CENTER		
Test Type:	**HWFE(2X)**	Facility:	**Test Cell 8**	Start Time:	**08/28/2019 09:20:35**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**08/28/2019 09:46:20**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	19.79
Start Odometer:	76414	Fuel Anal.#:	10762	Road Load Coeff B:	.0384
AutoLoad File:	None	INCA Project File:	X6XXX8088_WorkSpace.exp	Road Load Coeff C:	0.03544
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 CHERGRAY	Emissions Standard:	Fed. BIN 5

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

Seq. Purpose: MY16 DS Baseline with AEM applied

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0055	.0023	.0038	.0161	.0004	296.3	.0002	.0000	797.7	34.3723		10.262

Modal Test Results:(Grams)

Phase: 1												
ACCEL	.0163	.0068	.0116	.0491	.0018	919.1	.0011	.0000	234.3	11.0712	0	
CRUISE	.0244	.0105	.0162	.0679	.0017	1268.4	.0009	.0002	330.2	8.0239	0	
DECEL	.0057	.0020	.0047	.0163	.0001	270.2	.0000	.0000	87.0	37.6812	0	
STEADY	.0098	.0041	.0068	.0315	.0004	582.7	.0000	.0000	146.3	17.4519	0	
TOTAL	.0561	.0233	.0394	.1648	.0040	3040.4	.0020	.0002	797.7		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0055	**.0023**	**.0038**	**.0161**	**.0004**	**296.3**	**.0002**	**.0000**	**797.7**	**34.3723**	**0**	**10.262**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00239	.00402	.00065	285.807	.00000	.00183	.00065	0.00146	35.5794

Drive Metrics:

CSI	RMS
.322	.303

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	12,111,700	12,092,600	0.158	16,516.2	16,507.3	0.054	0.104	−2.680	−3.280	0.4274

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 08/28/2019 10:00:54

Validator's Comments:

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	9.070
Weighted Dilution factor	10.080
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.101
Soak Duration(Hrs)	17
CVS K Coeff	283.128
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

MY16 DS 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.
Informational Report Comments
ProcLnch − Initialization failure for INCA! Retry?