EMISSIONS SUMMARY REPORT

Vehicle ID:	**X6XXX8061 / 031M287**	Test ID:	**X6XXX8061_EPA75_020819082801 / 1111535748**		
Test Req:	**082012191012−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 8**	Start Time:	**08/28/2019 08:08:22**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**08/28/2019 08:49:43**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	19.79
Start Odometer:	76403	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:	1/1	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
Time−63	.4438	.3276	.1419	15.3005	.4165	797.8	.3941	.0834	45.9	12.3575		.209
Cycle1	.4750	.2705	.2309	5.7676	.2314	552.8	.2228	.0345	94.0	18.0559		.672
Cycle2	.1578	.0624	.0993	.0243	.1828	455.5	.1736	.0196	203.4	22.2894		1.963
Cycle11	.0428	.0090	.0384	.0150	.0003	296.1	.0000	.0000	142.4	34.3583		1.369
Cycle19	.2531	.0605	.2176	.4371	.0135	413.6	.0119	.0007	77.7	24.4909		.673

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0352	.0175	.0188	.3115	.0182	102.0	.0177	.0005	34.2	99.1813	0	
ACCEL	.1875	.0826	.1053	2.1302	.3377	816.1	.3337	.0348	159.5	12.4104	0	
CRUISE	.3527	.1463	.2146	.6215	.1096	686.6	.1038	.0106	146.3	14.7670	0	
DECEL	.0800	.0679	.0300	.8798	.0498	136.6	.0351	.0158	90.8	73.3992	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0	
TOTAL	.6554	.3144	.3687	3.9430	.5153	1741.2	.4903	.0617	430.9		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.1821	**.0874**	**.1025**	**1.0957**	**.1432**	**483.9**	**.1362**	**.0171**	**430.9**	**20.9247**	**0**	**3.599**
Phase: 2												
IDLE	.0108	.0019	.0094	.0051	.0001	111.5	.0000	.0000	38.7	90.8145	0	
ACCEL	.1927	.0350	.1677	.0361	.0011	971.8	.0000	.0000	222.0	10.4617	0	
CRUISE	.0819	.0166	.0704	.0262	.0004	474.4	.0000	.0000	178.0	21.4541	0	
DECEL	.0343	.0101	.0390	.0134	.0003	111.0	.0000	.0000	122.4	91.5722	0	
TOTAL	.3197	.0636	.2865	.0809	.0019	1668.7	.0000	.0000	561.1		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0824	**.0164**	**.0739**	**.0208**	**.0005**	**430.2**	**.0000**	**.0000**	**561.1**	**23.6487**	**0**	**3.879**
Phase: 3												
IDLE	.0067	.0019	.0052	.0048	.0001	69.7	.0000	.0000	30.0	145.3228	0	
ACCEL	.1429	.0264	.1188	.1831	.0545	731.5	.0514	.0067	154.5	13.9064	0	
CRUISE	.1126	.0189	.1049	.0282	.0060	551.8	.0036	.0007	136.5	18.4209	0	

DECEL	.0437	.0037	.0365	.1350	.0022	93.8	.0011	.0003	95.0	107.8409	0	
TOTAL	.3060	.0710	.2654	.3511	.0628	1446.8	.0561	.0077	416.0		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0852	**.0198**	**.0739**	**.0978**	**.0175**	**403.0**	**.0156**	**.0021**	**416.0**	**25.2235**	**0**	**3.590**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1038	**.0320**	**.0798**	**.2644**	**.0347**	**433.9**	**.0325**	**.0041**	**1408.0**	**23.4068**	**0**	**11.067**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.16984	1.23005	.14441	480.425	.07438	.09800	.21878	0.16775	21.0913
Phase: 2	.07490	.01006	.00036	435.222	.00893	.06748	.00929	0.07323	23.3794
Phase: 3	.07868	.08778	.01777	399.156	.01151	.06966	.02928	0.07787	25.4785
CVS Weighted Mass Results:(Grams/Mile)									
	.09558	**.28383**	**.03494**	**434.695**	**.02318**	**.07439**	**.05812**	**.09406**	**23.3531**

Drive Metrics:

CSI	RMS
18.222	.369

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,784,780	4,733,720	1.079	5,790.6	5,779.5	0.192	0.877	1.758	2.019	0.4840
Phase: 2	4,370,940	4,273,500	2.280	6,242.0	6,211.3	0.495	1.745	2.221	3.530	0.3826
Phase: 3	4,716,550	4,734,210	−0.373	5,778.2	5,780.2	−0.035	−0.339	−0.801	−1.702	0.3935
Final (Weighted):										
	9,116,830	**9,007,500**	**1.214**	**12,025.5**	**11,991.2**	**0.287**	**0.916**	**1.267**	**1.815**	**0.3614**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / bj739 Date: 08/28/2019 12:33:01

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.008
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	9.090

Weighted Dilution factor	14.080
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.083
Bag Methane Response Factor	1.101
Soak Duration(Hrs)	16
CVS K Coeff	283.128
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
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
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?