EMISSIONS SUMMARY REPORT

Vehicle ID:	**X6XXX8088 / 045M712**	Test ID:	**X6XXX8088_EPA75_020719060601 / 1111011464**		
Test Req:	**082012190660−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 7**	Start Time:	**06/06/2019 08:14:22**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**06/06/2019 08:55:00**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6500
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	14.90
Start Odometer:	80060	Fuel Anal.#:	10762	Road Load Coeff B:	.1843
AutoLoad File:	None	INCA Project File:	X6XXX8088_WorkSpace.exp	Road Load Coeff C:	0.03434
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 1500 RAM WHITE	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	.6777	.3756	.3504	30.8151	.2656	781.8	.2754	.0337	41.4	12.2220		.205
Cycle1	1.7319	1.3775	.4146	17.3554	.1866	527.0	.1876	.0191	88.2	18.1784		.672
Cycle2	.4721	.3712	.1311	.4025	.2356	449.0	.2286	.0207	197.0	22.5565		1.962
Cycle11	.0407	.0150	.0285	.0074	.0010	302.1	.0005	.0000	139.8	33.6785		1.367
Cycle19	.3658	.0874	.3139	.9215	.0191	427.2	.0191	.0007	73.5	23.6864		.676

Modal Test Results:(Grams)

Phase: 1												
IDLE	.1221	.1005	.0242	.2183	.0160	90.3	.0162	.0003	31.2	112.1516	0	
ACCEL	.5193	.4036	.1849	5.6399	.4110	843.7	.4084	.0350	166.8	11.9084	0	
CRUISE	1.2365	.9211	.2809	5.0861	.1292	660.4	.1221	.0122	136.9	15.1443	0	
DECEL	.2657	.2697	.0607	1.5223	.0426	131.5	.0372	.0061	85.4	75.8075	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1	.0000	0	
TOTAL	2.1436	1.6949	.5507	12.4667	.5988	1725.9	.5839	.0536	420.3		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.5974	**.4723**	**.1535**	**3.4741**	**.1669**	**480.9**	**.1627**	**.0149**	**420.3**	**20.8373**	**0**	**3.589**
Phase: 2												
IDLE	.0113	.0039	.0078	.0020	.0002	92.4	.0000	.0000	34.0	110.5648	0	
ACCEL	.3057	.0628	.2566	.0471	.0085	1033.5	.0055	.0006	226.7	9.8312	0	
CRUISE	.1255	.0323	.1063	.0124	.0011	481.8	.0000	.0000	164.7	21.0935	0	
DECEL	.0413	.0188	.0409	.0035	.0008	105.5	.0001	.0001	113.1	95.8807	0	
TOTAL	.4838	.1178	.4116	.0650	.0106	1713.2	.0056	.0007	538.5		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.1249	**.0304**	**.1063**	**.0168**	**.0027**	**442.3**	**.0014**	**.0002**	**538.5**	**23.0000**	**0**	**3.873**
Phase: 3												
IDLE	.0065	.0021	.0047	.0025	.0004	62.4	.0000	.0000	28.8	164.0758	0	
ACCEL	.1854	.0471	.1528	.7307	.0820	767.3	.0783	.0111	161.5	13.2371	0	
CRUISE	.1495	.0258	.1334	.0204	.0072	559.3	.0064	.0005	129.7	18.1871	0	

DIESEL	.0348	.0215	.0283	.0499	.0027	90.6	.0021	.0003	89.6	111.5897	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0	
TOTAL	.3763	.0966	.3192	.8035	.0923	1479.7	.0868	.0119	409.5		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.1047	**.0269**	**.0888**	**.2235**	**.0257**	**411.6**	**.0241**	**.0033**	**409.5**	**24.6580**	**0**	**3.595**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.2171	**.1208**	**.1112**	**.7885**	**.0430**	**441.9**	**.0410**	**.0041**	**1368.3**	**22.9221**	**0**	**11.057**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.59931	3.85712	.16222	475.927	.34835	.19771	.51057	0.53325	21.0350
Phase: 2	.11060	.01995	.00289	439.086	.01736	.09954	.02024	0.11048	23.1595
Phase: 3	.09970	.27362	.02610	398.996	.02085	.08492	.04695	0.10029	25.4560
CVS Weighted Mass Results:(Grams/Mile)									
	.20867	**.88306**	**.04220**	**435.705**	**.08676**	**.11583**	**.12897**	**.19511**	**23.2324**

Drive Metrics:

CSI	RMS
−5.372	.337

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,968,500	4,982,110	−0.273	5,776.3	5,779.4	−0.055	−0.219	−1.548	−2.931	0.4236
Phase: 2	4,607,830	4,559,950	1.050	6,229.2	6,211.2	0.289	0.753	0.007	0.508	0.3580
Phase: 3	4,936,400	4,982,350	−0.922	5,786.2	5,779.4	0.118	−1.050	−2.233	−3.446	0.3540
Final (Weighted):										
	9,558,030	**9,542,190**	**0.166**	**12,011.1**	**11,990.6**	**0.171**	**−0.005**	**−1.031**	**−1.255**	**0.3303**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 06/06/2019 09:08:40

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	8.660
Weighted Dilution factor	13.010
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	22
CVS K Coeff	254.900
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
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?

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