

EMISSIONS SUMMARY REPORT

Vehicle ID:	X6XXX8088 / 045M712	Test ID:	X6XXX8088_HWFE2X020719060601 / 1111011465		
Test Req:	082012190660-5	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 7	Start Time:	06/06/2019 09:33:44
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	06/06/2019 09:59:29
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight:	6500
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	14.90
Start Odometer:	80071	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:	3/3	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
Cycle1	.0037	.0010	.0036	.0062	.0018	292.3	.0010	.0002	784.5	34.8453		10.251

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0117	.0032	.0110	.0194	.0087	915.6	.0062	.0007	235.5	11.1081		0
CRUISE	.0149	.0038	.0154	.0264	.0069	1249.8	.0030	.0007	320.8	8.1400		0
DECEL	.0042	.0011	.0042	.0053	.0009	255.7	.0000	.0001	87.2	39.7449		0
STEADY	.0070	.0020	.0067	.0121	.0023	575.8	.0009	.0002	141.0	17.6652		0
TOTAL	.0378	.0102	.0373	.0632	.0187	2996.8	.0101	.0017	784.5			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0037	.0010	.0036	.0062	.0018	292.3	.0010	.0002	784.5	34.8453	0	10.251

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00203	.00143	.00137	282.350	.00000	.00171		.00137	0.00137	36.0841

Drive Metrics:	
CSI	RMS
-4.246	.245

SAE Drive Metrics:										
	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	12,420,500	12,430,600	-0.082	16,495.5	16,507.3	-0.071	-0.011	-5.126	-6.166	0.3465

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 06/06/2019 10:13:53

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.004
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.670
Weighted Dilution factor	9.490
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	23
CVS K Coeff	254.900
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

Test Comments

Emission Summary Report

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

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?