

EMISSIONS SUMMARY REPORT

Vehicle ID:	X5XXX8638 / 000M013	Test ID:	X5XXX8638_HWFE2X020819082701 / 1111535731		
Test Req:	082012191009-5	Location:	CHRYSLER TECH CENTER		
Test Type:	HWFE(2X)	Facility:	Test Cell 8	Start Time:	08/27/2019 09:55:12
Requestor:	REDACTED	Shift Sched.:	AUTO	Trace End:	08/27/2019 10:20:58
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag	Inertia Weight:	6000
Operator:	REDACTED	Fuel Type:	MS10756	Road Load Coeff A:	13.77
Start Odometer:	70389	Fuel Anal.#:	10762	Road Load Coeff B:	-.0509
AutoLoad File:	None	INCA Project File:	X5XXX3264.exp	Road Load Coeff C:	0.03604
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 GRAY	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline in as-received condition. Vehicles had AEM installed in field.

Seq. Purpose: MY15 DS Baseline with AEM applied

Individual Cycles:(Grams/Mile)		Tailpipe:										
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0067	.0031	.0041	.0183	.0078	295.8	.0069	.0010	819.2	34.3716		10.262

Modal Test Results:(Grams)

Phase: 1	ACCEL	.0205	.0103	.0116	.0479	.0382	915.0	.0363	.0044	233.4	11.1194	0
	CRUISE	.0283	.0136	.0166	.0922	.0326	1278.7	.0271	.0049	338.1	7.9546	0
	DECEL	.0083	.0032	.0058	.0171	.0043	273.5	.0034	.0006	98.5	37.2663	0
	STEADY	.0114	.0047	.0079	.0302	.0053	568.3	.0037	.0005	149.2	17.9126	0
	TOTAL	.0686	.0318	.0418	.1874	.0804	3035.5	.0705	.0104	819.2		0

Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0067	.0031	.0041	.0183	.0078	295.8	.0069	.0010	819.2	34.3716	0	10.262

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00243	.00876	.00786	289.045	.00000	.00198	.00786	0.00168	35.2078

Drive Metrics:

CSI	RMS
5.162	.202

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	12,140,300	12,093,800	0.385	16,514.2	16,508.6	0.034	0.349	0.920	1.213	0.2833

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 08/27/2019 10:35:30

Validator's Comments:

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	9.080
Weighted Dilution factor	9.920
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)	16
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

08/27/19 13:27:26

2/3

Test Comments

Emission Summary Report

MY15 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 in as–recieved condition. Vehicles had AEM installed in field.

Informational Report Comments

ProcLnch – Initialization failure for INCA! Retry?