

EMISSIONS SUMMARY REPORT

Vehicle ID:	X5XXX2254 / 043M193	Test ID:	X5XXX2254_HWFE2X020719060602 / 1111011471
Test Req:	082012190678-2	Location:	CHRYSLER TECH CENTER
Test Type:	HWFE(2X)	Facility:	Test Cell 7
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	73009	Fuel Anal.#:	10762
AutoLoad File:	None	INCA Project File:	X5XXX2254_WorkSpace.exp
Cell Temp Set Pt:	75	Altitude Set Pt.(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM BROWN

Start Time:	06/06/2019 16:07:51
Trace End:	06/06/2019 16:33:37
Inertia Weight:	6000
Road Load Coeff A:	-3.8800
Road Load Coeff B:	.2803
Road Load Coeff C:	0.03172
Hum. Set Pt (Grains):	50.00
Emissions Standard:	Fed. BIN 5

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

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	.0034	.0006	.0042	.0146	.0012	273.4	.0002	.0000	750.1	37.2706		10.250

Modal Test Results:(Grams)												
Phase: 1												
ACCEL	.0101	.0021	.0115	.0202	.0044	846.6	.0015	.0000	213.2	12.0131		0
CRUISE	.0139	.0024	.0185	.1089	.0049	1171.1	.0008	.0002	308.5	8.6882		0
DECEL	.0041	.0007	.0054	.0072	.0009	248.0	.0000	.0000	91.0	41.0269		0
STEADY	.0072	.0013	.0081	.0131	.0026	537.1	.0000	.0000	137.4	18.9481		0
TOTAL	.0353	.0065	.0435	.1494	.0127	2802.8	.0023	.0002	750.1			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	.0034	.0006	.0042	.0146	.0012	273.4	.0002	.0000	750.1	37.2706	0	10.250

CVS Mass Results: (Grams/Mile)										
	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG	
Phase: 1	.00256	.01435	.00043	269.949	.00021	.00258	.00064	0.00262	37.6847	

Drive Metrics:	
CSI	RMS
.468	.211

SAE Drive Metrics:										
	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	11,539,900	11,599,400	-0.513	16,495.0	16,507.3	-0.075	-0.441	-2.414	-2.794	0.2978

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 06/06/2019 16:47:11

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	8.670
Weighted Dilution factor	9.910
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	2
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

MY15 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?