

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>X4XXX5644 / 052M077</b>	Test ID:	<b>X4XXX5644_HWFE2X020719050801 / 1111011082</b>
Test Req:	<b>082012190504-5</b>	Location:	CHRYSLER TECH CENTER
Test Type:	<b>HWFE(2X)</b>	Facility:	<b>Test Cell 7</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756
Start Odometer:	88301	Fuel Anal.#:	10762
AutoLoad File:	None	INCA Project File:	MY14WK_ConsentDecree_2.exp
Cell Temp Set Pt:	75	Altitude Set Pt.(ft.):	930
Test Segment:	3/3	Vehicle Desc.:	0.00 Grand CherBLACK

Start Time:	<b>05/08/2019 09:38:57</b>
Trace End:	<b>05/08/2019 10:04:43</b>
Inertia Weight:	6000
Road Load Coeff A:	13.77
Road Load Coeff B:	.5116
Road Load Coeff C:	0.02400
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: MY14 WK Baseline with AEM applied

<b>Individual Cycles:(Grams/Mile)</b>	<b>Tailpipe:</b>											
	<b>HC</b>	<b>NMHC</b>	<b>CH4</b>	<b>CO</b>	<b>NOX</b>	<b>CO2</b>	<b>NO</b>	<b>NO2</b>	<b>ExVol</b>	<b>MPG</b>	<b>DM</b>	<b>Miles</b>
Cycle1	.0052	.0016	.0044	.0053	.0045	281.5	.0035	.0003	788.6	36.0804		10.259

<b>Modal Test Results:(Grams)</b>												
Phase: 1												
ACCEL	.0172	.0063	.0127	.0169	.0198	877.7	.0170	.0012	225.4	11.5887		0
CRUISE	.0218	.0064	.0189	.0230	.0173	1220.7	.0128	.0013	323.2	8.3333		0
DECEL	.0055	.0013	.0054	.0047	.0011	254.7	.0004	.0000	92.1	39.9022		0
STEADY	.0087	.0021	.0083	.0099	.0079	534.9	.0055	.0007	147.9	19.0187		0
TOTAL	.0532	.0162	.0453	.0545	.0461	2888.1	.0357	.0032	788.6			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.0052</b>	<b>.0016</b>	<b>.0044</b>	<b>.0053</b>	<b>.0045</b>	<b>281.5</b>	<b>.0035</b>	<b>.0003</b>	<b>788.6</b>	<b>36.0804</b>	<b>0</b>	<b>10.259</b>

<b>CVS Mass Results: (Grams/Mile)</b>										
	<b>HC</b>	<b>CO</b>	<b>NOX</b>	<b>CO2</b>	<b>NMHC</b>	<b>CH4</b>	<b>NMOG+NOX</b>	<b>HFID</b>	<b>Vol.MPG</b>	
Phase: 1	.00218	.00122	.00393	275.029	.00000	.00262	.00393	0.00207	37.0021	

<b>Drive Metrics:</b>	
<b>CSI</b>	<b>RMS</b>
-1.616	.204

<b>SAE Drive Metrics:</b>										
	<b>CED (J)</b>	<b>CET (J)</b>	<b>ER</b>	<b>DistD (M)</b>	<b>DistT (M)</b>	<b>DistR</b>	<b>EER</b>	<b>ASCR</b>	<b>IWR</b>	<b>RMSSE (MPH)</b>
Phase: 1	11,759,200	11,818,900	-0.505	16,509.6	16,507.3	0.014	-0.522	-3.323	-3.913	0.2875

## Test Validation

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2019 10:19:02

Validator's Comments:

### Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.005
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.740
Weighted Dilution factor	9.830
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**

MY14 WK 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?