

EMISSIONS SUMMARY REPORT

Vehicle ID: **X4XXX3787 / 031M291** Test ID: **X4XXX3787_EPA75_020819112401 / 1111536915**
 Test Req: **082012191528-4** Location: **CHRYSLER TECH CENTER**
 Test Type: **EPA75** Facility: **Test Cell 8** Start Time: **11/24/2019 08:58:49**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **11/24/2019 09:39:15**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **21.66**
 Start Odometer: **79462** Fuel Anal.#: **10762** Road Load Coeff B: **.3128**
 AutoLoad File: **None** INCA Project File: **X4XXX6355.exp** Road Load Coeff C: **0.02649**
 Cell Temp Set Pt: **75** Altitude Set Pt(ft.): **930** Hum. Set Pt (Grains): **50.00**
 Test Segment: **1/1** Vehicle Desc.: **0.00 JE BLACK** Emissions Standard: **EPA**
 Test Req. Purpose: **X4XXX3787 – AEM Baseline**
 Seq. Purpose: **MY14 WK Baseline with AEM applied**

	Individual Cycles:(Grams/Mile)				Tailpipe:							
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time-63	.2291	.1504	.0758	9.1188	.5896	865.5	.5918	.0786	48.6	11.5496		.212
Cycle1	.5619	.4003	.1746	5.8136	.3312	607.4	.3268	.0340	101.5	16.4681		.673
Cycle2	.1425	.1019	.0449	.0451	.1608	430.4	.1545	.0137	193.7	23.6355		1.962
Cycle11	.1531	.0154	.1532	.0141	.0003	294.4	.0000	.0000	107.5	34.5528		1.359
Cycle19	.2890	.0375	.2781	.2233	.0070	394.7	.0058	.0001	68.8	25.6795		.673

Modal Test Results:(Grams)

Phase:	IDLE	ACCEL	CRUISE	DECEL	CRANK	TOTAL
Phase: 1	.0414	.1440	.4187	.0908	.0000	.6950
	.0289	.0959	.2878	.0804	.0000	.4930
	.0133	.0492	.1371	.0212	.0000	.2208
	.2831	1.0850	1.9273	.7305	.0000	4.0259
	.0219	.3099	.1333	.0747	.0000	.5398
	106.5	782.7	668.9	145.0	.0	1703.1
	.0207	.3203	.1262	.0559	.0000	.5231
	.0001	.0219	.0085	.0192	.0000	.0497
	36.7	157.1	147.5	97.6	.2	439.1
	94.5972	12.9603	15.1120	69.4900	.0000	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0

Phase: 1 Equivalent Mass Results: (Grams/Mile)
.1934 .1372 .0614 1.1203 .1502 473.9 .1456 .0138 439.1 21.3611 0 3.593

Phase:	IDLE	ACCEL	CRUISE	DECEL	TOTAL
Phase: 2	.0110	.2517	.1570	.0436	.4633
	.0038	.0289	.0219	.0118	.0664
	.0076	.2346	.1497	.0457	.4376
	.0065	.0378	.0250	.0145	.0838
	.0002	.0009	.0006	.0004	.0022
	104.9	897.8	451.1	122.1	1575.9
	.0000	.0000	.0000	.0000	.0000
	.0000	.0000	.0000	.0000	.0000
	40.7	190.8	136.9	93.6	462.0
	96.8659	11.3208	22.5363	83.3024	0
	0	0	0	0	0

Phase: 2 Equivalent Mass Results: (Grams/Mile)
.1201 .0172 .1134 .0217 .0006 408.5 .0000 .0000 462.0 24.8547 0 3.858

Phase:	IDLE	ACCEL	CRUISE
Phase: 3	.0062	.1498	.1720
	.0017	.0221	.0160
	.0050	.1498	.1650
	.0047	.1431	.0296
	.0001	.0496	.0022
	61.6	675.1	519.3
	.0000	.0421	.0005
	.0000	.0136	.0002
	28.7	137.1	121.8
	164.0758	15.0598	19.5842
	0	0	0

Modal Test Results											
HC	.0343	.0181	.0373	.0318	.0011	107.4	.0003	.0000	83.1	94.9636	0
CRANK	.0000	.0000	.0000	.0000	.0000	.2	.0000	.0000	.2	.0000	0
TOTAL	.3623	.0480	.3571	.2093	.0529	1363.6	.0429	.0138	370.8		0
Phase: 3 <u>Equivalent Mass Results: (Grams/Mile)</u>											
	.1010	.0134	.0996	.0583	.0148	380.2	.0120	.0038	370.8	26.7493	0 3.587
Weighted Total Equivalent Mass Results:(Grams/Mile)											
	.1301	.0410	.0988	.2596	.0355	414.3	.0335	.0039	1271.9	24.5306	0 11.038

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.17830	1.10368	.14529	.12546	462.053	.05579	.27075	0.17862	21.9167
Phase: 2	.10511	.00944	.00016	.00513	394.167	.10367	.00529	0.10394	25.8043
Phase: 3	.09514	.04213	.01810	.00532	370.190	.09323	.02342	0.09416	27.4754
CVS Weighted Mass Results:(Grams/Mile)									
	.11755	.24534	.03519	.03014	401.660	.09087	.06532	.11674	25.2650

Drive Metrics:

CSI	RMS
15.541	.344

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,567,200	4,556,000	0.246	5,784.1	5,779.4	0.082	0.164	0.169	0.674	0.3888
Phase: 2	4,273,130	4,207,920	1.550	6,207.1	6,211.4	-0.068	1.593	2.281	3.781	0.3711
Phase: 3	4,591,000	4,556,110	0.766	5,773.1	5,779.4	-0.109	0.868	0.392	0.186	0.3955
Final (Weighted):										
	8,853,900	8,763,990	1.026	11,984.9	11,990.7	-0.048	1.063	1.203	2.182	0.3369

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 11/24/2019 09:52:17

Validator's Comments:

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles	.000

Test Options

Emission Summary Report

Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	10.700
Weighted Dilution factor	14.730
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)	22
CVS K Coeff	278.855
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

MY14 WK Baseline with AEM applied

Req Spcl Inst

Connect DCAN Cable – Automatically setting ROLLS MODE!

Sampling Type List

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

X4XXX3787 – AEM Baseline

Informational Report Comments

ProcLnch – Initialization failure for INCA! Retry?

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Test Comments

Emission Summary Report

ProcLnch – Initialization failure for INCA! Retry?
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