

EMISSIONS SUMMARY REPORT

Vehicle ID:	X4XXX6788 / 030M102	Test ID:	X4XXX6788_EPA75_020719050801 / 1111011086
Test Req:	082012190491-4	Location:	CHRYSLER TECH CENTER
Test Type:	EPA75	Facility:	Test Cell 7
Requestor:	REDACTED	Shift Sched.:	AUTO
Driver:	REDACTED	Option(s):	Tailpipe modal & Bag
Operator:	REDACTED	Fuel Type:	MS10756
Start Odometer:	79035	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:	1/1	Vehicle Desc.:	0.00 GRAND CHERBLACK

Start Time:	05/08/2019 14:17:10
Trace End:	05/08/2019 14:58:12
Inertia Weight:	6000
Road Load Coeff A:	19.55
Road Load Coeff B:	.4196
Road Load Coeff C:	0.02464
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

	Individual Cycles:(Grams/Mile)				Tailpipe:							
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time-63	.2638	.1889	.0693	9.2520	.5849	853.0	.5790	.0841	46.9	11.7183		.206
Cycle1	.5632	.4147	.1604	6.0445	.3051	620.3	.2991	.0324	100.6	16.1194		.673
Cycle2	.1145	.0883	.0299	.0237	.1582	425.9	.1512	.0154	192.8	23.8647		1.963
Cycle11	.0707	.0041	.0769	.0081	.0003	304.4	.0000	.0000	112.1	33.4466		1.362
Cycle19	.2355	.0290	.2286	.2990	.0069	412.4	.0056	.0003	65.6	24.6259		.675

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0347	.0253	.0102	.2243	.0196	86.9	.0192	.0000	33.0	116.3527		0
ACCEL	.1228	.0867	.0363	1.0500	.3195	800.6	.3250	.0278	160.7	12.6716		0
CRUISE	.3770	.2709	.1093	2.0493	.1062	692.5	.1006	.0062	144.5	14.6117		0
DECEL	.0858	.0741	.0256	.8074	.0719	151.6	.0534	.0180	91.7	66.2723		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1	.0000		0
TOTAL	.6204	.4570	.1813	4.1310	.5171	1731.6	.4982	.0520	429.8			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)												
	.1726	.1271	.0504	1.1491	.1438	481.6	.1386	.0145	429.8	21.0090	0	3.595

Phase: 2												
IDLE	.0064	.0004	.0068	.0025	.0001	81.1	.0000	.0000	35.2	125.5979		0
ACCEL	.2275	.0129	.2300	.0203	.0008	946.1	.0000	.0000	189.8	10.7481		0
CRUISE	.0746	.0070	.0772	.0135	.0005	483.0	.0000	.0000	136.8	21.0569		0
DECEL	.0404	.0054	.0512	.0057	.0003	153.2	.0000	.0000	84.6	66.4467		0
TOTAL	.3488	.0257	.3652	.0419	.0017	1663.4	.0000	.0000	446.4			0

Phase: 2 Equivalent Mass Results: (Grams/Mile)												
	.0902	.0066	.0944	.0108	.0004	429.9	.0000	.0000	446.4	23.6481	0	3.869

Phase: 3												
IDLE	.0032	.0001	.0041	.0023	.0001	54.0	.0000	.0000	25.6	188.4080		0
ACCEL	.1200	.0124	.1248	.1928	.0290	702.6	.0253	.0061	142.3	14.4609		0
CRUISE	.1055	.0061	.1079	.0147	.0021	529.4	.0005	.0002	120.2	19.2232		0

Mode	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG	0		
Phase 1	.0064	.0343	.0248	.0009	113.8	.0003	.0000	82.6	89.1725	0		
CRANK	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0		
TOTAL	.2548	.0250	.2711	.2346	.0321	1399.8	.0261	.0063	370.8	0		
Phase: 3 <u>Equivalent Mass Results: (Grams/Mile)</u>												
	.0709	.0069	.0754	.0653	.0089	389.5	.0073	.0018	370.8	26.1364	0	3.594
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1019	.0317	.0801	.2615	.0325	429.5	.0307	.0035	1247.1	23.6245	0	11.058

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.16727	1.13840	.13948	474.033	.12550	.04765	.26498	0.17007	21.3629
Phase: 2	.08673	.00414	.00017	411.857	.00506	.08657	.00523	0.08607	24.6823
Phase: 3	.07614	.05486	.01027	382.191	.00754	.07394	.01781	0.07670	26.6158
CVS Weighted Mass Results:(Grams/Mile)									
	.10050	.25298	.03179	416.591	.03068	.07504	.06248	.10090	24.3608

Drive Metrics:

CSI	RMS
-8.463	.311

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,746,950	4,769,870	-0.480	5,786.8	5,779.4	0.127	-0.610	-1.637	-2.483	0.3496
Phase: 2	4,465,160	4,476,020	-0.243	6,225.2	6,211.2	0.225	-0.469	-0.763	-0.836	0.3225
Phase: 3	4,736,130	4,770,010	-0.710	5,783.8	5,780.1	0.064	-0.780	-1.620	-2.360	0.3844
Final (Weighted):										
	9,205,940	9,245,970	-0.433	12,010.3	11,991.0	0.160	-0.596	-1.238	-1.581	0.3039

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2019 15:12:43

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.005
Gain	.650
Constant Grade	.000

Test Options

Emission Summary Report

Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.720
Weighted Dilution factor	13.540
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
CVS K Coeff	254.900
Soak Duration(Hrs)	26
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

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

DCVS , Diesel Tailpipe / Particulates – Multiple

Test Request Purpose

Emissions baseline after application of AEM and 1000miles accumulated on MA.