EMISSIONS SUMMARY REPORT

Vehicle ID:	**X4XXX6355 / 045M554**	Test ID:	**X4XXX6355_EPA75_020719072801 / 1111012142**		
Test Req:	**082012190844−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 7**	Start Time:	**07/28/2019 10:57:40**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**07/28/2019 11:38:10**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	18.36
Start Odometer:	81879	Fuel Anal.#:	10762	Road Load Coeff B:	.5270
AutoLoad File:	None	INCA Project File:	X4XXX6355.exp	Road Load Coeff C:	0.02482
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 GRAND CHERBLUE	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline in as−received condition. AEM was applied in the field by dealership.

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	.3204	.2443	.0737	11.2287	.6155	870.7	.5982	.0877	48.6	11.4379		.206
Cycle1	.9823	.7963	.1999	8.6638	.3660	632.1	.3544	.0376	103.5	15.6859		.670
Cycle2	.3912	.3567	.0406	.1101	.2407	438.5	.2315	.0271	191.2	23.1052		1.966
Cycle11	.0239	.0118	.0135	.0090	.0016	295.3	.0008	.0000	110.5	34.4836		1.358
Cycle19	.2941	.0700	.2535	.5688	.0269	435.3	.0246	.0028	72.8	23.2948		.674

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0843	.0738	.0114	.3516	.0279	96.3	.0279	.0000	34.5	105.1043	0	
ACCEL	.3825	.3421	.0404	1.3628	.4883	820.3	.4774	.0590	164.7	12.3590	0	
CRUISE	.8283	.6779	.1430	3.3519	.1568	704.5	.1504	.0081	147.5	14.2941	0	
DECEL	.2211	.2184	.0336	.9738	.0661	151.8	.0544	.0125	89.9	65.9802	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1	.0000	0	
TOTAL	1.5162	1.3121	.2283	6.0401	.7390	1772.9	.7101	.0796	436.7		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.4213	**.3646**	**.0634**	**1.6781**	**.2053**	**492.6**	**.1973**	**.0221**	**436.7**	**20.4755**	**0**	**3.599**
Phase: 2												
IDLE	.0118	.0053	.0068	.0025	.0003	90.3	.0000	.0000	36.5	113.0169	0	
ACCEL	.1591	.0351	.1275	.0551	.0127	968.9	.0098	.0012	196.0	10.4949	0	
CRUISE	.0910	.0238	.0774	.0103	.0019	478.5	.0000	.0000	132.2	21.2748	0	
DECEL	.0378	.0152	.0317	.0047	.0016	159.0	.0004	.0001	88.8	63.9504	0	
TOTAL	.2998	.0794	.2435	.0726	.0164	1696.6	.0102	.0013	453.5		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0774	**.0205**	**.0629**	**.0188**	**.0042**	**438.3**	**.0026**	**.0003**	**453.5**	**23.2179**	**0**	**3.871**
Phase: 3												
IDLE	.0065	.0026	.0043	.0028	.0002	58.4	.0000	.0000	26.9	175.3781	0	
ACCEL	.1032	.0321	.0717	.3030	.0422	717.5	.0408	.0045	149.4	14.1567	0	
CRUISE	.1204	.0215	.1093	.0179	.0047	559.8	.0021	.0004	128.7	18.1578	0	

DECEL	.0488	.0257	.0383	.1127	.0036	125.1	.0023	.0004	89.2	81.1934	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.0	.0000	0	
TOTAL	.2787	.0819	.2236	.4364	.0507	1460.9	.0452	.0053	394.3		0	
Phase: 3	Equivalent Mass Results: (Grams/Mile)											
	.0775	**.0228**	**.0621**	**.1213**	**.0141**	**406.0**	**.0126**	**.0015**	**394.3**	**25.0369**	**0**	**3.598**
Weighted Total Equivalent Mass Results:(Grams/Mile)												
	.1487	**.0924**	**.0628**	**.3907**	**.0486**	**440.7**	**.0457**	**.0052**	**1288.9**	**23.0178**	**0**	**11.068**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.38970	1.68479	.20250	483.590	.38661	.05936	.58911	0.44213	20.8503
Phase: 2	.05847	.01856	.00378	416.104	.00504	.05627	.00882	0.05769	24.4485
Phase: 3	.06867	.12130	.01308	396.078	.01331	.05948	.02639	0.06896	25.6701
CVS Weighted Mass Results:(Grams/Mile)									
	.12990	**.39199**	**.04751**	**424.587**	**.08636**	**.05779**	**.13387**	**.14044**	**23.8837**

Drive Metrics:

CSI	RMS
−1.978	.330

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,774,990	4,769,960	0.106	5,791.7	5,779.5	0.211	−0.105	−1.559	−2.366	0.4337
Phase: 2	4,495,810	4,476,010	0.442	6,230.6	6,211.3	0.311	0.131	−0.149	−0.319	0.3321
Phase: 3	4,772,370	4,769,860	0.053	5,790.6	5,779.4	0.194	−0.141	−0.913	−1.938	0.3467
Final (Weighted):										
	9,269,300	**9,245,910**	**0.253**	**12,021.7**	**11,990.8**	**0.258**	**−0.005**	**−0.744**	**−1.171**	**0.3223**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 07/28/2019 11:51:34

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	8.670
Weighted Dilution factor	13.210
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	25
CVS K Coeff	254.900
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
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Informational Report Comments
ProcLnch − Initialization failure for INCA! Retry?
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