

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)											Miles
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	
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:	IDLE	ACCEL	CRUISE	DECEL	CRANK	TOTAL
Phase: 1	.0843	.3825	.8283	.2211	.0000	1.5162
Phase: 2	.0118	.1591	.0910	.0378	.2998	.0774
Phase: 3	.0065	.1032	.1204	.0026	.0321	.0215

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 Equivalent Mass Results: (Grams/Mile)
.0774 .0205 .0629 .0188 .0042 438.3 .0026 .0003 453.5 23.2179 0 3.871

Phase: 3 Equivalent Mass Results: (Grams/Mile)
.0065 .0026 .0043 .0028 .0002 58.4 .0000 .0000 26.9 175.3781 0
.1032 .0321 .0717 .3030 .0422 717.5 .0408 .0045 149.4 14.1567 0
.1204 .0215 .1093 .0179 .0047 559.8 .0021 .0004 128.7 18.1578 0

Mode	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG	0
MODAL Test Results	.018	.057	.1127	.0036	125.1	.0023	.0004	89.2	81.1934	0
CRANK	.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

Test Options

Emission Summary Report

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

Emissions baseline in as–received condition. AEM was applied in the field by dealership.

Test Comments

Emission Summary Report

Informational Report Comments

ProcLnch – Initialization failure for INCA! Retry?

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