EMISSIONS SUMMARY REPORT

Vehicle ID:	**T6305PV802 / MARGOD**	Test ID:	**T6305PV802_US2XSP020822021001 / 1111545437**		
Test Req:	**082012220196−6**	Location:	CHRYSLER TECH CENTER		
Test Type:	**US06(2X) − using Split Bag US06**	Facility:	**Test Cell 8**	Start Time:	**02/10/2022 12:10:47**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**02/10/2022 12:32:18**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	4.68
Start Odometer:	93383	Fuel Anal.#:	11022	Road Load Coeff B:	.2711
AutoLoad File:	None	INCA Project File:	T6305PV802_16MY_DS_Workspace.exp	Road Load Coeff C:	0.03336
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM WHITE	Emissions Standard:	EPA
Test Req. Purpose:	T6305PV802 − DOUMA − IUVT Consent Decree 16MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)				
Seq. Purpose:	US06 Emissions				

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0166	.0108	.0086	.0220	.2983	706.6	.2902	.0561	55.5	14.3912		.267
Cycle2	.0114	.0078	.0049	.0140	.2666	534.2	.2679	.0252	148.2	19.0540		1.018
Cycle3	.0072	.0048	.0029	.0149	.1006	406.4	.1005	.0117	596.7	25.0613		6.235
Cycle4	.0397	.0247	.0169	.0606	.6374	1048.4	.6314	.1091	95.2	9.7077		.274
Cycle5	.0282	.0210	.0076	.0384	1.5093	1025.6	1.4763	.1610	63.7	9.9165		.228

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0013	.0007	.0007	.0027	.0012	24.9	.0009	.0000	13.6	.3266	0	
ACCEL	.0202	.0141	.0083	.0295	.7184	1013.8	.7629	.0536	221.1	7.8448	0	
DECEL	.0119	.0076	.0046	.0132	.1504	215.2	.0961	.0537	128.0	47.5386	0	
TOTAL	.0334	.0223	.0136	.0454	.8700	1253.9	.8599	.1073	362.6		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0187	**.0125**	**.0076**	**.0254**	**.4867**	**701.5**	**.4811**	**.0600**	**362.6**	**14.4933**	**0**	**1.788**
Phase: 2												
IDLE	.0003	.0001	.0002	.0006	.0001	5.4	.0000	.0000	2.8		0	
ACCEL	.0186	.0134	.0062	.0312	.4397	1167.7	.4442	.0531	252.4	16.5713	0	
CRUISE	.0178	.0111	.0080	.0436	.1503	1094.8	.1512	.0141	243.3	28.3422	0	
DECEL	.0086	.0050	.0040	.0172	.0369	266.1	.0310	.0060	98.2	48.9133	0	
TOTAL	.0452	.0297	.0183	.0926	.6271	2533.9	.6264	.0732	596.7		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0072	**.0048**	**.0029**	**.0149**	**.1006**	**406.4**	**.1005**	**.0117**	**596.7**	**25.0613**	**0**	**6.235**
Phase: 1A												
IDLE	.0005	.0002	.0003	.0008	.0002	10.8			5.5	.0946	0	
ACCEL	.0105	.0074	.0046	.0139	.3226	617.1			130.9	9.3177	0	
DECEL	.0051	.0031	.0023	.0054	.0284	104.9			67.4	69.6793	0	

TOTAL	.016	.0108	.0072	.0201	.3512	732.8			203.7		0	

Phase: 1A Equivalent Mass Results: (Grams/Mile)

	.0125	**.0084**	**.0056**	**.0156**	**.2732**	**570.1**			**203.7**	**17.8500**	**0**	**1.286**

Phase: 1B

IDLE	.0008	.0005	.0004	.0019	.0010	14.2			8.1	.5028	0	
ACCEL	.0096	.0067	.0037	.0156	.3958	396.7			90.2	5.5598	0	
DECEL	.0068	.0045	.0023	.0078	.1220	110.3			60.6	26.2180	0	
TOTAL	.0173	.0116	.0064	.0254	.5188	521.1			158.9		0	

Phase: 1B Equivalent Mass Results: (Grams/Mile)

	.0344	**.0230**	**.0127**	**.0505**	**1.0334**	**1038.1**			**158.9**	**9.8015**	**0**	**.502**

Total Equivalent Mass Results:(Grams/Mile)

	.0098	**.0065**	**.0040**	**.0172**	**.1866**	**472.2**	**.1853**	**.0225**	**959.3**	**21.5561**	**0**	**8.022**

CVS Mass Results: (Grams/Mile)

	HC	**CO**	**NOX**	**NMHC**	**CO2**	**CH4**	**NMHC+NOX**	**NMOG+NOX**	**HFID**	**Vol.MPG**
Phase: 1	.00967	.01100	.48896	.00508	679.145	.00305	.4940	.4940	0.00799	14.9856
Phase: 2	.00314	.00736	.10088	.00185	393.457	.00137	.1027	.1027	0.00316	25.8910

CVS Total Mass Results:(Grams/Mile)

	.00459	**.00817**	**.18735**	**.00257**	**457.114**	**.00175**	**.1899**	**.1899**	**.00424**	**22.2652**

Drive Metrics:

CSI	**RMS**
−13.011	.375

SAE Drive Metrics:

	CED (J)	**CET (J)**	**ER**	**DistD (M)**	**DistT (M)**	**DistR**	**EER**	**ASCR**	**IWR**	**RMSSE (MPH)**
Phase: 1	4,620,970	4,604,710	0.353	2,875.6	2,852.1	0.823	−0.468	−0.548	0.005	0.7173
Phase: 2	10,732,500	10,945,000	−1.942	10,032.7	10,035.6	−0.029	−1.950	−8.634	−11.433	0.3766
Final:										
	15,353,500	**15,549,700**	**−1.262**	**12,908.3**	**12,887.7**	**0.159**	**−1.440**	**−3.109**	**−5.560**	**0.5367**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system / ap1980 Date: 02/10/2022 14:37:14

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

Test Options:

Option	Description
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	10.280
DHFID Hangup value	.000
Tailpipe Methane Response Factor	1.066
DHFID Methane Response Factor	1.089
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	21
Threshold	350
CVS K Coeff	638.530
Charging Type	CS
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
Wrap Cursor	Y
Diesel Test	Y
Augmented Braking	Y
Inca Requirement	Y
Abort Test on INCA Failure	Y
Abort test on dead battery	Y
Hybrid Test	Y
Mule Vehicle to Park	Y
SAE Calculations Required	Y
Weighted Dilution factor	14.860

Sequence Purpose
US06 Emissions
Engr. SpclInst
Engineer needs to collect DiagRA data at the end of the drive cycle.
Req Spcl Inst
Use 8 ft exhaust pipe and Extra cooling.
Connect DCAN Cable − Automatically setting ROLLS MODE!
Sampling Type List
None −− None −− DCVS , Diesel Tailpipe / Particulates − Single
Test Request Purpose
T6305PV802 − DOUMA − IUVT Consent Decree 16MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)
Informational Report Comments
ProcLnch − Initialization failure for INCA! Retry?

The results in this report relate only to this specific test.