

**EMISSIONS SUMMARY REPORT**

Vehicle ID:	<b>T6305PV802 / MARGOD</b>	Test ID:	<b>T6305PV802_EPA75_020822021002 / 1111545435</b>
Test Req:	<b>082012220196-4</b>	Location:	CHRYSLER TECH CENTER
Test Type:	<b>EPA75</b>	Facility:	<b>Test Cell 8</b>
Requestor:	<b>REDACTED</b>	Shift Sched.:	AUTO
Driver:	<b>REDACTED</b>	Option(s):	Tailpipe modal & Bag
Operator:	<b>REDACTED</b>	Fuel Type:	MS10756
Start Odometer:	93352	Fuel Anal.#:	11022
AutoLoad File:	None	INCA Project File:	T6305PV802_16MY_DS_Workspace.exp
Cell Temp Set Pt (F):	75	Altitude Set Pt(ft.):	930
Test Segment:	1/1	Vehicle Desc.:	0.00 1500 RAM WHITE
Test Req. Purpose:	T6305PV802 – DOUMA – IUVT Consent Decree 16MY 3.0L DSL DS (RL, PREP, FTP75, HFET, US06)		
Seq. Purpose:	cFTP75 Emissions		

	Individual Cycles:(Grams/Mile)											Tailpipe:	
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles	
Time-63	.4976	.1994	.2701	24.5754	.3780	762.3	.3996	.0393	44.1	12.6848		.209	
Cycle1	.8641	.5607	.3270	13.4675	.2422	556.6	.2428	.0224	92.8	17.5171		.675	
Cycle2	.3655	.2004	.1963	.2273	.2282	474.9	.2281	.0165	196.6	21.3543		1.961	
Cycle11	.0865	.0212	.0708	.0062	.0021	309.1	.0011	.0000	130.6	32.9007		1.365	
Cycle19	.3809	.0933	.3086	.9257	.0514	441.8	.0525	.0028	77.7	22.8840		.674	

**Modal Test Results:(Grams)**

Phase: 1												
IDLE	.0886	.0652	.0252	.0807	.0153	96.7	.0145	.0005	34.1	104.4660		0
ACCEL	.4346	.2471	.2381	4.1081	.3805	828.4	.3796	.0319	163.9	12.1744		0
CRUISE	.5934	.3150	.2535	3.1922	.1727	700.5	.1661	.0113	145.5	14.3748		0
DECEL	.2248	.1714	.1051	2.1778	.0466	184.0	.0541	.0038	86.4	54.0866		0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.1			0
TOTAL	1.3414	.7987	.6219	9.5588	.6151	1809.6	.6143	.0475	430.0			0
Phase: 1	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.3732</b>	<b>.2222</b>	<b>.1730</b>	<b>2.6594</b>	<b>.1711</b>	<b>503.4</b>	<b>.1709</b>	<b>.0132</b>	<b>430.0</b>	<b>20.0168</b>	<b>0</b>	<b>3.594</b>
Phase: 2												
IDLE	.0110	.0034	.0080	.0027	.0001	102.9	.0000	.0000	37.6	98.7609		0
ACCEL	.2720	.0630	.2065	.0148	.0105	999.5	.0100	.0002	224.4	10.1771		0
CRUISE	.1370	.0380	.1115	.0114	.0024	500.1	.0000	.0000	163.9	20.3333		0
DECEL	.0576	.0235	.0522	.0061	.0020	160.1	.0003	.0000	117.7	63.5196		0
TOTAL	.4777	.1278	.3782	.0349	.0150	1762.6	.0103	.0002	543.6			0
Phase: 2	<u>Equivalent Mass Results: (Grams/Mile)</u>											
	<b>.1234</b>	<b>.0330</b>	<b>.0977</b>	<b>.0090</b>	<b>.0039</b>	<b>455.2</b>	<b>.0027</b>	<b>.0001</b>	<b>543.6</b>	<b>22.3445</b>	<b>0</b>	<b>3.872</b>
Phase: 3												
IDLE	.0062	.0018	.0048	.0037	.0012	63.9	.0013	.0000	28.3			0

Mode	HC	CO	NOX	NMHC	CO2	CH4	NMOG+NOX	HFID	Vol.MPG		
CRUISE	.1744	.0447	.1436	.0484	.0346	580.9	.0305	.0043	139.3	17.4953	0
DECEL	.0668	.0240	.0618	.1206	.0096	155.8	.0076	.0013	99.2	65.0624	0
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0		0
TOTAL	.4828	.1353	.3899	.9798	.1688	1499.0	.1704	.0143	418.1		0

Phase: 3 Equivalent Mass Results: (Grams/Mile)

**.1346 .0377 .1087 .2732 .0471 417.9 .0475 .0040 418.1 24.2945 0 3.587**

**Weighted Total Equivalent Mass Results:(Grams/Mile)**

**.1782 .0735 .1163 .6300 .0503 454.9 .0498 .0039 1391.7 22.2883 0 11.054**

**CVS Mass Results: (Grams/Mile)**

**HC CO NOX NMHC CO2 CH4 NMOG+NOX HFID Vol.MPG**

Phase: 1 .34299 2.65597 .16127 .18616 474.150 .16813 .3474 0.34655 21.2314

Phase: 2 .10850 .00142 .00359 .02039 426.869 .09103 .0240 0.10725 23.8120

Phase: 3 .12082 .25816 .04673 .02668 394.637 .09991 .0734 0.12200 25.7098

**CVS Weighted Mass Results:(Grams/Mile)**

**.16042 .62126 .04806 .05643 427.822 .10942 .1045 .16082 23.6931**

**Drive Metrics:**

**CSI RMS**

-8.208 .360

**SAE Drive Metrics:**

**CED (J) CET (J) ER DistD (M) DistT (M) DistR EER ASCR IWR RMSSE (MPH)**

Phase: 1 4,700,050 4,733,570 -0.708 5,785.0 5,779.3 0.099 -0.813 -2.485 -3.679 0.4038

Phase: 2 4,253,140 4,273,070 -0.466 6,231.5 6,211.3 0.326 -0.796 -1.243 -1.169 0.3994

Phase: 3 4,715,530 4,733,590 -0.381 5,773.2 5,779.2 -0.104 -0.279 -1.747 -2.341 0.4035

**Final (Weighted):**

**8,962,010 9,006,650 -0.496 12,009.8 11,990.6 0.161 -0.660 -1.723 -1.994 0.3533**

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system / cmd60 Date: 02/10/2022 14:44:31

Validator's Comments: THIS TEST PASSED ALL VALIDITY CHECKS

## Test Options

## Emission Summary Report

### Test Options:

<b>Option</b>	<b>Description</b>
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
Background Particles for PN	.000
Background Particulates (PM)	.003
MINI DILUTER T/P DILUTION RATIO	10.290
DHFID Methane Response Factor	1.089
Tailpipe Methane Response Factor	1.066
DHFID Hangup value	.000
Bag Methane Response Factor	1.102
Soak Duration(Hrs)	19
CVS K Coeff	278.855
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Charging Type	CS
Actual Driver	Human
CVS Venturi Selection	Low
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Cert Mode	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	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
DbW Available	Y
Weighted Dilution factor	14.400

### Sequence Purpose

02/10/22 14:44:50

3/4

## Test Comments

## Emission Summary Report

cFTP75 Emissions

### **Engr. SpclInst**

Engineer needs to collect DiagaRA data at the end of phases 2 and 3.

### **Req Spcl Inst**

Connect DCAN Cable – Automatically setting ROLLS MODE!

### **Sampling Type List**

DCVS , Diesel Tailpipe / Particulates – Multiple

### **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.**