

Vehicle_ID	Test_Type/ PEMS_Route	Start_Odometer [mi]	Start_Date	Start_Time	Phase_Number/ Bag_Number / Route_Segment	Grams_Per_Mile_Thc	Grams_Per_Mile_Co	Grams_Per_Mile_Nox	Grams_Per_Mile_Co2	Grams_Per_Mile_NMHC	Grams_Per_Mile_CH4	Grams_Per_Mile _NMOG+NOx	Grams_Per_Mile_N2O
IUG2 Vehicle #3					Phase 1	0.232	0.789	0.131	444.44	0.171	0.062	0.302	0.022
IUG2 Vehicle #3					Phase 2	0.006	0.007	0.000	356.51	0.001	0.005	0.001	0.016
IUG2 Vehicle #3					Phase 3	0.035	0.089	0.010	340.22	0.019	0.016	0.029	0.021
IUG2 Vehicle #3	FTP75	103744	09/07/23	07:28:22	Total / Weighted Results	0.061	0.191	0.030	370.25	0.041	0.020	0.071	0.019
IUG2 Vehicle #3					Phase 2	0.000	0.004	0.000	253.33	0.000	0.001	0.000	0.015
IUG2 Vehicle #3	HWFET	103755	09/07/23	08:36:05	Total / Weighted Results	0.000	0.004	0.000	253.33	0.000	0.001	0.000	0.015
IUG2 Vehicle #3					Phase 2	0.000	0.004	0.000	401.73	0.000	0.000	0.000	0.019
IUG2 Vehicle #3	US06	103831	09/08/23	10:24:57	Total / Weighted Results	0.000	0.004	0.000	401.73	0.000	0.000	0.000	0.019
IUG2 Vehicle #3					Phase 1	0.231	0.880	0.126	452.49	0.171	0.062	0.297	0.023
IUG2 Vehicle #3					Phase 2	0.005	0.022	0.003	356.25	0.000	0.005	0.004	0.017
IUG2 Vehicle #3					Phase 3	0.034	0.029	0.013	345.61	0.011	0.024	0.023	0.022
IUG2 Vehicle #3	FTP75	103854	09/12/23	06:43:56	Total / Weighted Results	0.060	0.202	0.031	373.28	0.038	0.022	0.070	0.020
IUG2 Vehicle #3					Phase 2	0.000	0.004	0.000	254.90	0.000	0.001	0.000	0.008
IUG2 Vehicle #3	HWFET	103865	09/12/23	07:47:09	Total / Weighted Results	0.000	0.004	0.000	254.90	0.000	0.001	0.000	0.008
IUG2 Vehicle #3					Phase 2	0.000	0.003	0.022	400.34	0.000	0.000	0.022	0.018
IUG2 Vehicle #3	US06	103886	09/12/23	08:35:27	Total / Weighted Results	0.000	0.004	0.022	400.34	0.000	0.000	0.022	0.018
IUG2 Vehicle #3					Phase 1	0.166	0.694	0.125	469.30	0.105	0.063	0.230	0.023
IUG2 Vehicle #3					Phase 2	0.003	0.006	0.000	413.99	0.000	0.004	0.000	0.019
IUG2 Vehicle #3					Phase 3	0.035	0.087	0.022	355.46	0.017	0.018	0.038	0.024
IUG2 Vehicle #3	FTP75	103910	09/13/23	06:47:20	Total / Weighted Results	0.046	0.171	0.032	409.36	0.026	0.020	0.058	0.021
IUG2 Vehicle #3					Phase 2	0.000	0.004	0.000	259.45	0.000	0.000	0.000	0.012
IUG2 Vehicle #3	HWFET	103921	09/13/23	08:55:43	Total / Weighted Results	0.000	0.004	0.000	259.45	0.000	0.000	0.000	0.012
IUG2 Vehicle #3					Phase 2	0.000	0.004	0.002	408.59	0.000	0.000	0.002	0.021
IUG2 Vehicle #3	US06	103941	09/13/23	09:45:09	Total / Weighted Results	0.000	0.004	0.002	408.59	0.000	0.000	0.002	0.021
IUG2 Vehicle #3					Phase 1	0.158	0.723	0.134	440.72	0.105	0.054	0.239	0.023
IUG2 Vehicle #3					Phase 2	0.004	0.017	0.001	355.36	0.000	0.004	0.001	0.018
IUG2 Vehicle #3					Phase 3	0.040	0.055	0.015	343.61	0.015	0.025	0.030	0.023
IUG2 Vehicle #3	FTP75	103965	09/14/23	06:45:19	Total / Weighted Results	0.046	0.174	0.032	369.82	0.026	0.020	0.058	0.021
IUG2 Vehicle #3					Phase 2	0.000	0.005	0.000	255.80	0.000	0.000	0.000	0.012
IUG2 Vehicle #3	HWFET	103976	09/14/23	07:59:27	Total / Weighted Results	0.000	0.005	0.000	255.80	0.000	0.000	0.000	0.012
IUG2 Vehicle #3					Phase 2	0.000	0.004	0.004	396.41	0.000	0.000	0.004	0.018
IUG2 Vehicle #3	US06	103997	09/14/23	08:47:35	Total / Weighted Results	0.000	0.004	0.004	396.41	0.000	0.000	0.004	0.018

Emissions sample table is an enhancement to Appendix B, 4.a.vi

	Bag Results (g/mi)	Second-by-second modal emissions concentration in PPM (undiluted modal)
THC <sup>1</sup>	✓	✓
CO	✓	✓
NOx	✓	✓
CO2	✓	✓
NMHC <sup>2</sup>	✓	
CH4	✓	
N2O	✓	
NMOG <sup>3</sup> +NOx	✓	

**1:** per CFR Title 40 Part 86 Subpart B 110-94 (a)(2) and (3) for FTP and SFTP cycles, THC is an integrated measurement for the sample. For Special Cycle-A tests, THC is sampled directly from the bag.

**2:** NMHC is calculated based on THC - CH4. See comment 1 regarding THC. For PEMS testing, NMHC is calculated as: NMHC= 0.98xTHC.

**3:** For diesel vehicles, NMOG shall mean non-methane hydrocarbons and shall be measured in accordance with Part B (Determination of NMHC Emissions by Flame Ionization Detection) of the “California Non-Methane Organic Gas Test Procedures.”