

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 2					Phase 1	0.084	0.164	0.159	398.11	0.029	0.057	0.189	0.012
IUG2 Vehicle 2					Phase 2	0.005	0.007	0.001	322.11	0.000	0.006	0.001	0.012
IUG2 Vehicle 2					Phase 3	0.008	0.004	0.035	295.67	0.001	0.007	0.036	0.011
IUG2 Vehicle 2	FTP75	109644	09/18/25	13:28:39	Total / Weighted Results	0.022	0.039	0.043	330.60	0.006	0.017	0.050	0.012
IUG2 Vehicle 2					Phase 2	0.002	0.004	0.014	214.14	0.001	0.001	0.015	0.004
IUG2 Vehicle 2	HWFET	109655	09/18/25	14:56:29	Total / Weighted Results	0.002	0.004	0.014	214.14	0.001	0.001	0.015	0.004
IUG2 Vehicle 2					Phase 2	0.001	0.004	0.037	309.90	0.000	0.001	0.037	0.007
IUG2 Vehicle 2	US06	109676	09/18/25	16:03:59	Total / Weighted Results	0.001	0.004	0.037	309.90	0.000	0.001	0.037	0.007
IUG2 Vehicle 2					Phase 1	0.085	0.172	0.136	392.10	0.028	0.060	0.164	0.013
IUG2 Vehicle 2					Phase 2	0.005	0.008	0.002	330.82	0.000	0.005	0.002	0.011
IUG2 Vehicle 2					Phase 3	0.009	0.006	0.074	294.99	0.001	0.008	0.076	0.012
IUG2 Vehicle 2	FTP75	109700	09/19/25	16:45:26	Total / Weighted Results	0.023	0.041	0.050	333.69	0.006	0.018	0.056	0.012
IUG2 Vehicle 2					Phase 2	0.002	0.005	0.015	212.28	0.002	0.001	0.017	0.004
IUG2 Vehicle 2	HWFET	109711	09/19/25	18:07:00	Total / Weighted Results	0.002	0.005	0.015	212.28	0.002	0.001	0.017	0.004
IUG2 Vehicle 2					Phase 2	0.001	0.005	0.065	311.08	0.000	0.001	0.065	0.006
IUG2 Vehicle 2	US06	109731	09/19/25	19:12:31	Total / Weighted Results	0.001	0.005	0.065	311.08	0.000	0.001	0.065	0.006
IUG2 Vehicle 2					Phase 1	0.079	0.172	0.157	396.38	0.028	0.053	0.185	0.013
IUG2 Vehicle 2					Phase 2	0.004	0.008	0.003	349.18	0.000	0.005	0.003	0.011
IUG2 Vehicle 2					Phase 3	0.010	0.005	0.048	304.00	0.001	0.009	0.049	0.014
IUG2 Vehicle 2	FTP75	109755	09/23/25	13:01:24	Total / Weighted Results	0.021	0.041	0.047	346.55	0.006	0.016	0.053	0.012
IUG2 Vehicle 2					Phase 2	0.002	0.005	0.011	228.94	0.002	0.001	0.013	0.006
IUG2 Vehicle 2	HWFET	109766	09/23/25	14:29:59	Total / Weighted Results	0.002	0.005	0.011	228.94	0.002	0.001	0.013	0.006
IUG2 Vehicle 2					Phase 1	0.110	0.186	0.152	381.62	0.052	0.061	0.204	0.017
IUG2 Vehicle 2					Phase 2	0.004	0.009	0.002	328.28	0.000	0.005	0.002	0.021
IUG2 Vehicle 2					Phase 3	0.013	0.006	0.029	298.61	0.002	0.012	0.031	0.020
IUG2 Vehicle 2	FTP75	109831	09/24/25	13:54:24	Total / Weighted Results	0.029	0.045	0.040	331.17	0.011	0.018	0.052	0.020
IUG2 Vehicle 2					Phase 2	0.001	0.005	0.024	318.13	0.000	0.001	0.024	0.011
IUG2 Vehicle 2	US06	109863	09/24/25	16:30:42	Total / Weighted Results	0.001	0.005	0.024	318.13	0.000	0.001	0.024	0.011

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.”