

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
IUG1 Vehicle #2					Phase 1	0.024	0.317	0.451	665.89	0.016	0.009	0.466	0.002
IUG1 Vehicle #2					Phase 2	0.010	0.014	0.004	615.63	0.001	0.010	0.004	0.001
IUG1 Vehicle #2					Phase 3	0.006	0.008	0.028	579.57	0.001	0.006	0.029	0.001
IUG1 Vehicle #2	FTP75	100482	09/04/24	11:20:01	Total / Weighted Results	0.012	0.075	0.103	616.16	0.004	0.009	0.107	0.001
IUG1 Vehicle #2					Phase 2	0.004	0.007	0.056	431.64	0.001	0.003	0.057	0.001
IUG1 Vehicle #2	HWFET	100494	09/04/24	12:35:35	Total / Weighted Results	0.004	0.007	0.056	431.64	0.001	0.003	0.057	0.001
IUG1 Vehicle #2					Phase 1	0.024	0.369	0.497	649.33	0.017	0.007	0.514	0.002
IUG1 Vehicle #2					Phase 2	0.007	0.012	0.002	594.33	0.001	0.006	0.003	0.002
IUG1 Vehicle #2					Phase 3	0.004	0.008	0.072	573.93	0.000	0.005	0.072	0.002
IUG1 Vehicle #2	FTP75	100522	09/05/24	10:17:23	Total / Weighted Results	0.010	0.085	0.124	600.13	0.004	0.006	0.128	0.002
IUG1 Vehicle #2					Phase 1	0.020	0.363	0.504	657.06	0.013	0.007	0.517	0.002
IUG1 Vehicle #2					Phase 2	0.004	0.013	0.002	603.67	0.000	0.005	0.002	0.002
IUG1 Vehicle #2					Phase 3	0.005	0.008	0.069	578.65	0.000	0.005	0.069	0.002
IUG1 Vehicle #2	FTP75	100562	09/06/24	10:20:29	Total / Weighted Results	0.007	0.084	0.124	607.86	0.003	0.005	0.127	0.002
IUG1 Vehicle #2					Phase 2	0.006	0.006	0.043	428.89	0.002	0.004	0.045	0.001
IUG1 Vehicle #2	HWFET	100573	09/06/24	11:41:12	Total / Weighted Results	0.006	0.006	0.043	428.89	0.002	0.004	0.045	0.001
IUG1 Vehicle #2					Phase 1	0.025	0.443	0.484	646.45	0.018	0.007	0.502	0.002
IUG1 Vehicle #2					Phase 2	0.009	0.011	0.005	600.66	0.002	0.007	0.007	0.003
IUG1 Vehicle #2					Phase 3	0.007	0.008	0.070	574.38	0.001	0.006	0.070	0.002
IUG1 Vehicle #2	FTP75	100601	09/07/24	14:04:49	Total / Weighted Results	0.012	0.100	0.122	602.93	0.005	0.007	0.127	0.002
IUG1 Vehicle #2					Phase 1	0.025	0.397	0.456	637.44	0.018	0.007	0.474	0.002
IUG1 Vehicle #2					Phase 2	0.008	0.012	0.005	603.15	0.001	0.007	0.006	0.002
IUG1 Vehicle #2					Phase 3	0.005	0.009	0.066	569.03	0.000	0.006	0.066	0.002
IUG1 Vehicle #2	FTP75	100641	09/10/24	15:21:43	Total / Weighted Results	0.011	0.091	0.116	600.89	0.004	0.007	0.120	0.002
IUG1 Vehicle #2					Phase 2	0.003	0.007	0.059	420.97	0.000	0.003	0.060	0.001
IUG1 Vehicle #2	HWFET	100652	09/10/24	16:37:48	Total / Weighted Results	0.003	0.007	0.059	420.97	0.000	0.003	0.060	0.001

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.”