

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
IUG3 Vehicle #1					Phase 1	0.032	0.325	0.248	574.39	0.018	0.014	0.266	0.042
IUG3 Vehicle #1					Phase 2	0.005	0.009	0.014	495.64	0.003	0.002	0.017	0.044
IUG3 Vehicle #1					Phase 3	0.004	0.006	0.037	485.17	0.002	0.002	0.038	0.047
IUG3 Vehicle #1	FTP75	101479	06/01/23	07:24:08	Total / Weighted Results	0.010	0.074	0.069	509.07	0.006	0.005	0.075	0.045
IUG3 Vehicle #1					Phase 2	0.001	0.006	0.004	373.04	0.000	0.000	0.004	0.044
IUG3 Vehicle #1	HWFET	101491	06/01/23	08:34:28	Total / Weighted Results	0.001	0.006	0.004	373.04	0.000	0.000	0.004	0.044
IUG3 Vehicle #1					Phase 2	0.000	0.005	0.065	558.15	0.001	0.000	0.065	0.051
IUG3 Vehicle #1	US06HW	101511	06/01/23	09:39:18	Total / Weighted Results	0.000	0.005	0.065	558.15	0.001	0.000	0.065	0.051
IUG3 Vehicle #1					Phase 1	0.033	0.312	0.223	575.27	0.019	0.014	0.242	0.037
IUG3 Vehicle #1					Phase 2	0.005	0.008	0.006	490.90	0.003	0.002	0.009	0.049
IUG3 Vehicle #1					Phase 3	0.004	0.005	0.069	484.21	0.002	0.002	0.070	0.045
IUG3 Vehicle #1	FTP75	101531	06/02/23	07:25:29	Total / Weighted Results	0.010	0.070	0.068	506.50	0.006	0.005	0.074	0.045
IUG3 Vehicle #1					Phase 2	0.001	0.005	0.003	374.59	0.001	0.000	0.004	0.035
IUG3 Vehicle #1	HWFET	101543	06/02/23	08:32:54	Total / Weighted Results	0.001	0.005	0.003	374.59	0.001	0.000	0.004	0.035
IUG3 Vehicle #1					Phase 2	0.000	0.003	0.040	542.98	0.000	0.000	0.041	0.046
IUG3 Vehicle #1	US06HW	101564	06/02/23	09:27:54	Total / Weighted Results	0.000	0.003	0.040	542.98	0.000	0.000	0.041	0.046
IUG3 Vehicle #1					Phase 1	0.033	0.297	0.221	565.12	0.019	0.014	0.240	0.037
IUG3 Vehicle #1					Phase 2	0.006	0.008	0.005	485.79	0.004	0.003	0.009	0.045
IUG3 Vehicle #1					Phase 3	0.005	0.006	0.071	474.49	0.003	0.002	0.073	0.043
IUG3 Vehicle #1	FTP75	101584	06/06/23	07:12:10	Total / Weighted Results	0.011	0.068	0.068	499.11	0.007	0.005	0.074	0.043
IUG3 Vehicle #1					Phase 2	0.001	0.005	0.003	367.29	0.001	0.000	0.003	0.034
IUG3 Vehicle #1	HWFET	101595	06/06/23	08:20:23	Total / Weighted Results	0.001	0.005	0.003	367.29	0.001	0.000	0.003	0.034
IUG3 Vehicle #1					Phase 2	0.001	0.004	0.047	545.44	0.000	0.000	0.047	0.047
IUG3 Vehicle #1	US06HW	101616	06/06/23	09:18:04	Total / Weighted Results	0.001	0.004	0.047	545.44	0.000	0.000	0.047	0.047

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.”