

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 #3					Phase 1	0.013	0.261	0.466	654.50	0.007	0.006	0.474	0.045
IUG1 Vehicle #3					Phase 2	0.008	0.006	0.019	592.95	0.000	0.010	0.019	0.060
IUG1 Vehicle #3					Phase 3	0.003	0.003	0.019	568.36	0.000	0.005	0.019	0.040
IUG1 Vehicle #3	FTP75	100092	10/24/23	07:12:28	Total / Weighted Results	0.008	0.058	0.112	598.93	0.002	0.008	0.113	0.051
IUG1 Vehicle #3					Phase 2	0.001	0.003	0.026	428.77	0.000	0.002	0.026	0.022
IUG1 Vehicle #3	HWFET	100103	10/24/23	08:23:58	Total / Weighted Results	0.001	0.003	0.026	428.77	0.000	0.002	0.026	0.022
IUG1 Vehicle #3					Phase 1	0.015	0.438	0.469	660.33	0.008	0.007	0.477	0.044
IUG1 Vehicle #3					Phase 2	0.009	0.010	0.016	583.93	0.000	0.010	0.016	0.056
IUG1 Vehicle #3					Phase 3	0.004	0.004	0.019	560.14	0.000	0.005	0.019	0.037
IUG1 Vehicle #3	FTP75	100131	10/25/23	07:14:40	Total / Weighted Results	0.009	0.097	0.111	593.23	0.002	0.008	0.112	0.048
IUG1 Vehicle #3					Phase 2	0.002	0.003	0.026	428.95	0.000	0.003	0.026	0.021
IUG1 Vehicle #3	HWFET	100142	10/25/23	08:20:30	Total / Weighted Results	0.002	0.003	0.026	428.95	0.000	0.003	0.026	0.021
IUG1 Vehicle #3					Phase 1	0.014	0.270	0.456	647.63	0.008	0.006	0.464	0.042
IUG1 Vehicle #3					Phase 2	0.009	0.008	0.016	588.00	0.000	0.010	0.016	0.055
IUG1 Vehicle #3					Phase 3	0.004	0.003	0.017	561.58	0.000	0.005	0.017	0.035
IUG1 Vehicle #3	FTP75	100171	10/26/23	07:16:21	Total / Weighted Results	0.009	0.061	0.107	593.10	0.002	0.008	0.109	0.047
IUG1 Vehicle #3					Phase 2	0.002	0.002	0.017	427.16	0.000	0.002	0.017	0.022
IUG1 Vehicle #3	HWFET	100182	10/26/23	08:20:02	Total / Weighted Results	0.002	0.002	0.017	427.16	0.000	0.002	0.017	0.022

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

	<b>Bag Results (g/mi)</b>	<b>Second-by-second modal emissions concentration in PPM (undiluted modal)</b>
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:  $NMHC = 0.98 \times THC$ .

**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."