

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 #3					Phase 1	0.035	0.401	0.228	573.34	0.016	0.019	0.244	0.034
IUG3 Vehicle #3					Phase 2	0.004	0.006	0.011	492.92	0.000	0.004	0.011	0.044
IUG3 Vehicle #3					Phase 3	0.003	0.001	0.043	484.89	0.000	0.003	0.043	0.036
IUG3 Vehicle #3	FTP75	101776	09/19/23	10:08:25	Total / Weighted Results	0.010	0.087	0.065	507.41	0.004	0.007	0.068	0.040
IUG3 Vehicle #3					Phase 2	0.000	0.005	0.026	373.21	0.000	0.000	0.026	0.026
IUG3 Vehicle #3	HWFET	101787	09/19/23	11:14:50	Total / Weighted Results	0.000	0.005	0.026	373.21	0.000	0.000	0.026	0.026
IUG3 Vehicle #3					Phase 2	0.000	0.005	0.063	545.69	0.000	0.000	0.063	0.036
IUG3 Vehicle #3	US06HW	101808	09/19/23	12:09:10	Total / Weighted Results	0.000	0.005	0.063	545.69	0.000	0.000	0.063	0.036
IUG3 Vehicle #3					Phase 1	0.038	0.503	0.232	574.06	0.020	0.018	0.252	0.029
IUG3 Vehicle #3					Phase 2	0.002	0.009	0.003	493.58	0.000	0.003	0.003	0.037
IUG3 Vehicle #3					Phase 3	0.003	0.006	0.060	483.98	0.000	0.003	0.060	0.036
IUG3 Vehicle #3	FTP75	101828	09/20/23	07:21:10	Total / Weighted Results	0.010	0.110	0.066	507.64	0.004	0.006	0.070	0.035
IUG3 Vehicle #3					Phase 2	0.000	0.005	0.019	373.09	0.000	0.000	0.019	0.024
IUG3 Vehicle #3	HWFET	101839	09/20/23	08:30:18	Total / Weighted Results	0.000	0.005	0.019	373.09	0.000	0.000	0.019	0.024
IUG3 Vehicle #3					Phase 2	0.000	0.005	0.039	534.83	0.000	0.000	0.039	0.033
IUG3 Vehicle #3	US06HW	101860	09/20/23	09:27:43	Total / Weighted Results	0.000	0.005	0.039	534.83	0.000	0.000	0.039	0.033
IUG3 Vehicle #3					Phase 1	0.045	0.527	0.225	567.16	0.025	0.021	0.250	0.028
IUG3 Vehicle #3					Phase 2	0.003	0.020	0.008	477.74	0.000	0.003	0.008	0.036
IUG3 Vehicle #3					Phase 3	0.005	0.030	0.071	480.86	0.001	0.004	0.072	0.037
IUG3 Vehicle #3	FTP75	101880	09/21/23	07:32:11	Total / Weighted Results	0.012	0.128	0.070	497.16	0.005	0.007	0.076	0.034
IUG3 Vehicle #3					Phase 2	0.000	0.004	0.035	370.82	0.000	0.000	0.035	0.020
IUG3 Vehicle #3	HWFET	101892	09/21/23	08:38:11	Total / Weighted Results	0.000	0.004	0.035	370.82	0.000	0.000	0.035	0.020
IUG3 Vehicle #3					Phase 2	0.000	0.005	0.052	537.09	0.000	0.000	0.052	0.032
IUG3 Vehicle #3	US06HW	101912	09/21/23	09:29:04	Total / Weighted Results	0.000	0.005	0.052	537.09	0.000	0.000	0.052	0.032

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 ¹	✓	✓
CO	✓	✓
NOx	✓	✓
CO2	✓	✓
NMHC ²	✓	
CH4	✓	
N2O	✓	
NMOG ³ +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.”