

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
IUG4 Vehicle #3					Phase 2	0.003	0.005	0.006	280.39	0.000	0.003	0.006	0.023
IUG4 Vehicle #3	HWFET	101982	10/10/23	08:22:59	Total / Weighted Results	0.003	0.005	0.006	280.39	0.000	0.003	0.006	0.023
IUG4 Vehicle #3					Phase 2	0.001	0.003	0.038	437.12	0.000	0.002	0.038	0.024
IUG4 Vehicle #3	US06	102003	10/10/23	09:17:35	Total / Weighted Results	0.001	0.003	0.038	437.12	0.000	0.002	0.038	0.024
IUG4 Vehicle #3					Phase 1	0.203	0.641	0.113	546.85	0.133	0.073	0.246	0.032
IUG4 Vehicle #3					Phase 2	0.010	0.007	0.000	447.21	0.002	0.008	0.003	0.037
IUG4 Vehicle #3					Phase 3	0.055	0.004	0.010	419.78	0.012	0.044	0.022	0.028
IUG4 Vehicle #3	FTP75	102027	10/11/23	07:27:21	Total / Weighted Results	0.062	0.137	0.026	460.28	0.032	0.031	0.058	0.033
IUG4 Vehicle #3					Phase 2	0.002	0.004	0.000	281.73	0.000	0.003	0.000	0.018
IUG4 Vehicle #3	HWFET	102039	10/11/23	08:35:05	Total / Weighted Results	0.002	0.004	0.000	281.73	0.000	0.003	0.000	0.018
IUG4 Vehicle #3					Phase 2	0.001	0.004	0.023	439.17	0.000	0.002	0.023	0.021
IUG4 Vehicle #3	US06	102059	10/11/23	09:24:09	Total / Weighted Results	0.001	0.004	0.023	439.17	0.000	0.002	0.023	0.021
IUG4 Vehicle #3					Phase 1	0.197	0.683	0.111	543.01	0.132	0.067	0.242	0.033
IUG4 Vehicle #3					Phase 2	0.010	0.005	0.000	447.83	0.001	0.009	0.001	0.035
IUG4 Vehicle #3					Phase 3	0.057	0.003	0.006	416.49	0.011	0.046	0.018	0.027
IUG4 Vehicle #3	FTP75	102084	10/12/23	07:17:35	Total / Weighted Results	0.061	0.145	0.025	458.90	0.031	0.031	0.056	0.032
IUG4 Vehicle #3					Phase 2	0.004	0.004	0.000	280.55	0.001	0.003	0.001	0.017
IUG4 Vehicle #3	HWFET	102095	10/12/23	08:26:29	Total / Weighted Results	0.004	0.004	0.000	280.55	0.001	0.003	0.001	0.017
IUG4 Vehicle #3					Phase 2	0.002	0.003	0.021	432.72	0.000	0.002	0.021	0.020
IUG4 Vehicle #3	US06	102116	10/12/23	09:16:57	Total / Weighted Results	0.002	0.003	0.021	432.72	0.000	0.002	0.021	0.020
IUG4 Vehicle #3					Phase 1	0.182	0.608	0.109	540.31	0.118	0.066	0.227	0.032
IUG4 Vehicle #3					Phase 2	0.012	0.006	0.000	443.99	0.001	0.011	0.001	0.033
IUG4 Vehicle #3					Phase 3	0.048	0.003	0.007	417.70	0.009	0.040	0.016	0.026
IUG4 Vehicle #3	FTP75	102140	10/13/23	07:17:05	Total / Weighted Results	0.057	0.130	0.024	456.72	0.028	0.030	0.052	0.031
IUG4 Vehicle #3					Phase 2	0.002	0.003	0.000	279.71	0.000	0.003	0.000	0.016
IUG4 Vehicle #3	HWFET	102151	10/13/23	08:23:31	Total / Weighted Results	0.002	0.003	0.000	279.71	0.000	0.003	0.000	0.016
IUG4 Vehicle #3					Phase 2	0.001	0.003	0.028	437.78	0.000	0.002	0.028	0.020
IUG4 Vehicle #3	US06	102172	10/13/23	09:14:50	Total / Weighted Results	0.001	0.003	0.029	437.78	0.000	0.002	0.029	0.020

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.”