

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 #1					Phase 1	0.174	0.768	0.132	528.77	0.124	0.052	0.256	0.023
IUG4 Vehicle #1					Phase 2	0.013	0.008	0.002	439.46	0.001	0.012	0.003	0.022
IUG4 Vehicle #1					Phase 3	0.043	0.006	0.018	415.16	0.011	0.034	0.028	0.021
IUG4 Vehicle #1	FTP75	107478	03/18/25	10:54:44	Total / Weighted Results	0.055	0.165	0.033	451.32	0.029	0.027	0.063	0.022
IUG4 Vehicle #1					Phase 2	0.004	0.006	0.002	277.94	0.000	0.004	0.002	0.012
IUG4 Vehicle #1	HWFET	107489	03/18/25	12:08:13	Total / Weighted Results	0.004	0.006	0.002	277.94	0.000	0.004	0.002	0.012
IUG4 Vehicle #1					Phase 2	0.003	0.006	0.018	439.26	0.001	0.002	0.019	0.014
IUG4 Vehicle #1	US06	107510	03/18/25	13:06:32	Total / Weighted Results	0.003	0.006	0.018	439.26	0.001	0.002	0.019	0.014
IUG4 Vehicle #1					Phase 1	0.142	0.865	0.133	516.83	0.094	0.050	0.227	0.022
IUG4 Vehicle #1					Phase 2	0.012	0.009	0.001	431.45	0.002	0.011	0.003	0.021
IUG4 Vehicle #1					Phase 3	0.041	0.005	0.014	407.32	0.010	0.032	0.024	0.020
IUG4 Vehicle #1	FTP75	107534	03/19/25	11:30:28	Total / Weighted Results	0.047	0.185	0.032	442.50	0.023	0.025	0.055	0.021
IUG4 Vehicle #1					Phase 2	0.003	0.005	0.001	270.91	0.000	0.003	0.001	0.011
IUG4 Vehicle #1	HWFET	107545	03/19/25	12:45:03	Total / Weighted Results	0.003	0.005	0.001	270.91	0.000	0.003	0.001	0.011
IUG4 Vehicle #1					Phase 2	0.002	0.005	0.025	420.68	0.000	0.002	0.025	0.014
IUG4 Vehicle #1	US06	107566	03/19/25	13:44:11	Total / Weighted Results	0.002	0.005	0.025	420.68	0.000	0.002	0.025	0.014
IUG4 Vehicle #1					Phase 1	0.142	0.839	0.138	521.82	0.098	0.046	0.236	0.022
IUG4 Vehicle #1					Phase 2	0.012	0.008	0.001	432.55	0.001	0.011	0.002	0.020
IUG4 Vehicle #1					Phase 3	0.042	0.005	0.014	411.04	0.011	0.033	0.025	0.020
IUG4 Vehicle #1	FTP75	107590	03/20/25	10:39:34	Total / Weighted Results	0.047	0.180	0.033	445.19	0.024	0.024	0.057	0.021
IUG4 Vehicle #1					Phase 2	0.003	0.005	0.001	272.17	0.000	0.003	0.001	0.011
IUG4 Vehicle #1	HWFET	107601	03/20/25	11:54:42	Total / Weighted Results	0.003	0.005	0.001	272.17	0.000	0.003	0.001	0.011
IUG4 Vehicle #1					Phase 2	0.002	0.004	0.021	425.18	0.000	0.002	0.022	0.013
IUG4 Vehicle #1	US06	107622	03/20/25	12:52:49	Total / Weighted Results	0.002	0.004	0.021	425.18	0.000	0.002	0.022	0.013

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.”