

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 #2					Phase 2	0.004	0.006	0.010	272.70	0.000	0.004	0.010	0.019
IUG4 Vehicle #2	HWFET	103541	05/20/25	19:44:15	Total / Weighted Results	0.004	0.006	0.010	272.70	0.000	0.004	0.010	0.019
IUG4 Vehicle #2					Phase 2	0.002	0.005	0.055	430.16	0.000	0.002	0.055	0.020
IUG4 Vehicle #2	US06	103561	05/20/25	20:48:06	Total / Weighted Results	0.002	0.005	0.055	430.16	0.000	0.002	0.055	0.020
IUG4 Vehicle #2					Phase 2	0.003	0.005	0.019	274.74	0.000	0.003	0.019	0.017
IUG4 Vehicle #2	HWFET	103597	05/21/25	13:26:32	Total / Weighted Results	0.003	0.005	0.019	274.74	0.000	0.003	0.019	0.017
IUG4 Vehicle #2					Phase 2	0.002	0.005	0.073	427.28	0.000	0.001	0.073	0.019
IUG4 Vehicle #2	US06	103617	05/21/25	14:33:51	Total / Weighted Results	0.002	0.005	0.073	427.28	0.000	0.001	0.073	0.019
IUG4 Vehicle #2					Phase 1	0.137	0.820	0.127	525.24	0.092	0.047	0.218	0.024
IUG4 Vehicle #2					Phase 2	0.013	0.009	0.001	437.10	0.001	0.012	0.002	0.023
IUG4 Vehicle #2					Phase 3	0.041	0.006	0.008	417.61	0.009	0.034	0.017	0.021
IUG4 Vehicle #2	FTP75	103641	05/22/25	14:42:38	Total / Weighted Results	0.046	0.177	0.029	450.04	0.022	0.025	0.051	0.023
IUG4 Vehicle #2					Phase 2	0.004	0.006	0.024	274.39	0.000	0.004	0.024	0.014
IUG4 Vehicle #2	HWFET	103653	05/22/25	16:08:37	Total / Weighted Results	0.004	0.006	0.024	274.39	0.000	0.004	0.024	0.014
IUG4 Vehicle #2					Phase 2	0.002	0.006	0.117	430.92	0.000	0.002	0.117	0.018
IUG4 Vehicle #2	US06	103673	05/22/25	17:14:38	Total / Weighted Results	0.002	0.006	0.117	430.92	0.000	0.002	0.117	0.018
IUG4 Vehicle #2					Phase 1	0.133	0.886	0.127	521.39	0.094	0.040	0.222	0.022
IUG4 Vehicle #2					Phase 2	0.012	0.013	0.001	437.73	0.001	0.012	0.002	0.022
IUG4 Vehicle #2					Phase 3	0.048	0.009	0.009	420.42	0.010	0.040	0.019	0.021
IUG4 Vehicle #2	FTP75	103697	05/23/25	14:33:38	Total / Weighted Results	0.047	0.193	0.029	450.31	0.023	0.025	0.052	0.022
IUG4 Vehicle #2					Phase 1	0.132	0.834	0.137	519.26	0.093	0.041	0.229	0.022
IUG4 Vehicle #2					Phase 2	0.013	0.010	0.001	438.47	0.001	0.013	0.002	0.023
IUG4 Vehicle #2					Phase 3	0.050	0.006	0.009	418.96	0.011	0.041	0.020	0.022
IUG4 Vehicle #2	FTP75	103716	05/28/25	16:13:50	Total / Weighted Results	0.048	0.179	0.031	449.83	0.022	0.027	0.054	0.022

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.”