

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
IUG5 Vehicle #2					Phase 1	0.102	0.478	0.139	439.30	0.069	0.035	0.208	0.001
IUG5 Vehicle #2					Phase 2	0.035	0.009	0.005	357.90	0.012	0.024	0.017	0.002
IUG5 Vehicle #2					Phase 3	0.037	0.006	0.047	337.47	0.015	0.023	0.062	0.001
IUG5 Vehicle #2	FTP75	103286	09/25/24	15:09:43	Total / Weighted Results	0.050	0.106	0.044	369.18	0.025	0.026	0.069	0.002
IUG5 Vehicle #2					Phase 2	0.004	0.005	0.001	213.09	0.002	0.003	0.003	0.001
IUG5 Vehicle #2	HWFET	103297	09/25/24	16:31:16	Total / Weighted Results	0.004	0.005	0.001	213.09	0.002	0.003	0.003	0.001
IUG5 Vehicle #2					Phase 2	0.004	0.006	0.020	348.84	0.003	0.002	0.023	0.001
IUG5 Vehicle #2	US06	103318	09/25/24	17:33:28	Total / Weighted Results	0.004	0.006	0.020	348.84	0.003	0.002	0.023	0.001
IUG5 Vehicle #2					Phase 1	0.084	0.394	0.145	445.85	0.054	0.032	0.198	0.001
IUG5 Vehicle #2					Phase 2	0.026	0.010	0.004	365.51	0.010	0.017	0.013	0.002
IUG5 Vehicle #2					Phase 3	0.040	0.006	0.055	344.74	0.017	0.024	0.072	0.001
IUG5 Vehicle #2	FTP75	103341	09/26/24	15:35:04	Total / Weighted Results	0.042	0.088	0.047	376.46	0.021	0.022	0.068	0.002
IUG5 Vehicle #2					Phase 2	0.004	0.006	0.001	217.91	0.001	0.002	0.002	0.001
IUG5 Vehicle #2	HWFET	103353	09/26/24	16:57:54	Total / Weighted Results	0.004	0.006	0.001	217.91	0.001	0.002	0.002	0.001
IUG5 Vehicle #2					Phase 2	0.004	0.006	0.025	348.77	0.002	0.002	0.027	0.001
IUG5 Vehicle #2	US06	103373	09/26/24	17:55:55	Total / Weighted Results	0.004	0.006	0.025	348.77	0.002	0.002	0.027	0.001
IUG5 Vehicle #2					Phase 2	0.004	0.006	0.001	219.76	0.001	0.002	0.002	0.001
IUG5 Vehicle #2	HWFET	103408	09/27/24	14:20:17	Total / Weighted Results	0.004	0.006	0.001	219.76	0.001	0.002	0.002	0.001
IUG5 Vehicle #2					Phase 2	0.004	0.006	0.020	352.60	0.002	0.002	0.022	0.001
IUG5 Vehicle #2	US06	103429	09/27/24	15:23:27	Total / Weighted Results	0.004	0.006	0.020	352.60	0.002	0.002	0.022	0.001
IUG5 Vehicle #2					Phase 1	0.119	0.507	0.129	426.37	0.085	0.035	0.214	0.002
IUG5 Vehicle #2					Phase 2	0.023	0.010	0.005	367.21	0.004	0.020	0.009	0.003
IUG5 Vehicle #2					Phase 3	0.032	0.007	0.044	329.04	0.009	0.024	0.053	0.001
IUG5 Vehicle #2	FTP75	103493	10/03/24	12:03:13	Total / Weighted Results	0.046	0.112	0.041	368.97	0.022	0.024	0.064	0.002

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.”