

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 #1					Phase 1	0.099	0.418	0.104	459.38	0.064	0.036	0.168	0.001
IUG5 Vehicle #1					Phase 2	0.024	0.009	0.000	387.90	0.007	0.017	0.007	0.000
IUG5 Vehicle #1					Phase 3	0.032	0.006	0.034	343.97	0.010	0.024	0.044	0.001
IUG5 Vehicle #1	FTP75	100914	07/25/24	15:30:59	Total / Weighted Results	0.042	0.093	0.031	390.64	0.019	0.023	0.051	0.001
IUG5 Vehicle #1					Phase 2	0.006	0.006	0.000	220.66	0.002	0.004	0.003	0.000
IUG5 Vehicle #1	HWFET	100925	07/25/24	16:47:12	Total / Weighted Results	0.006	0.006	0.000	220.66	0.002	0.004	0.003	0.000
IUG5 Vehicle #1					Phase 2	0.006	0.007	0.002	364.67	0.003	0.003	0.005	0.001
IUG5 Vehicle #1	US06	100946	07/25/24	17:45:34	Total / Weighted Results	0.006	0.007	0.002	364.67	0.003	0.003	0.005	0.001
IUG5 Vehicle #1					Phase 1	0.108	0.459	0.104	427.78	0.071	0.038	0.176	0.001
IUG5 Vehicle #1					Phase 2	0.027	0.009	0.001	356.24	0.007	0.021	0.007	0.000
IUG5 Vehicle #1					Phase 3	0.033	0.007	0.043	343.02	0.010	0.024	0.052	0.001
IUG5 Vehicle #1	FTP75	100970	07/26/24	14:43:57	Total / Weighted Results	0.045	0.102	0.034	367.44	0.021	0.025	0.055	0.001
IUG5 Vehicle #1					Phase 2	0.006	0.005	0.000	218.13	0.002	0.004	0.003	0.000
IUG5 Vehicle #1	HWFET	100981	07/26/24	16:07:21	Total / Weighted Results	0.006	0.005	0.000	218.13	0.002	0.004	0.003	0.000
IUG5 Vehicle #1					Phase 2	0.006	0.006	0.001	355.40	0.003	0.003	0.004	0.001
IUG5 Vehicle #1	US06	101002	07/26/24	17:05:09	Total / Weighted Results	0.006	0.006	0.001	355.40	0.003	0.003	0.004	0.001
IUG5 Vehicle #1					Phase 1	0.088	0.348	0.116	448.40	0.055	0.034	0.171	0.001
IUG5 Vehicle #1					Phase 2	0.024	0.011	0.001	362.23	0.006	0.019	0.008	0.001
IUG5 Vehicle #1					Phase 3	0.031	0.007	0.038	339.27	0.009	0.023	0.047	0.001
IUG5 Vehicle #1	FTP75	101026	07/30/24	06:58:39	Total / Weighted Results	0.039	0.079	0.035	373.77	0.017	0.023	0.052	0.001
IUG5 Vehicle #1					Phase 2	0.006	0.006	0.000	215.97	0.002	0.004	0.003	0.000
IUG5 Vehicle #1	HWFET	101037	07/30/24	08:09:06	Total / Weighted Results	0.006	0.006	0.000	215.97	0.002	0.004	0.003	0.000
IUG5 Vehicle #1					Phase 2	0.006	0.006	0.002	350.07	0.003	0.003	0.004	0.001
IUG5 Vehicle #1	US06	101058	07/30/24	09:07:31	Total / Weighted Results	0.006	0.006	0.002	350.07	0.003	0.003	0.004	0.001

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.”