

VEHICLE_ID	TEST_TYPE/	START_ODOMETER [mi]	START_DATE	START_TIME	PHASE_NUMBER/ BAG_NUMBER	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	GRAMS_PER_MILE_N2O
	PEMS_ROUTE				/ ROUTE_SEGMENT							_NMOG+NOX	
IUG1 Vehicle #2					Phase 1	0.021	0.322	0.415	639.75	0.014	0.007	0.429	0.034
IUG1 Vehicle #2					Phase 2	0.010	0.005	0.002	581.44	0.000	0.010	0.002	0.048
IUG1 Vehicle #2					Phase 3	0.005	0.003	0.036	551.81	0.000	0.005	0.036	0.031
IUG1 Vehicle #2	FTP75	101756	06/27/23	11:13:12	Total / Weighted Results	0.011	0.070	0.097	585.38	0.003	0.008	0.100	0.041
IUG1 Vehicle #2					Phase 2	0.003	0.004	0.004	416.57	0.000	0.003	0.004	0.020
IUG1 Vehicle #2	HWFET	101767	06/27/23	12:15:17	Total / Weighted Results	0.003	0.005	0.004	416.57	0.000	0.003	0.004	0.020
IUG1 Vehicle #2					Phase 1	0.022	0.329	0.427	624.84	0.014	0.008	0.441	0.030
IUG1 Vehicle #2					Phase 2	0.008	0.009	0.002	568.87	0.000	0.010	0.002	0.043
IUG1 Vehicle #2					Phase 3	0.005	0.005	0.042	542.51	0.000	0.005	0.042	0.028
IUG1 Vehicle #2	FTP75	101795	06/28/23	11:03:56	Total / Weighted Results	0.010	0.074	0.101	573.22	0.003	0.008	0.104	0.036
IUG1 Vehicle #2					Phase 2	0.003	0.005	0.008	406.97	0.000	0.003	0.008	0.018
IUG1 Vehicle #2	HWFET	101807	06/28/23	12:09:00	Total / Weighted Results	0.003	0.005	0.008	406.97	0.000	0.003	0.008	0.018
IUG1 Vehicle #2					Phase 1	0.023	0.321	0.446	623.70	0.014	0.009	0.460	0.032
IUG1 Vehicle #2					Phase 2	0.009	0.008	0.003	557.41	0.000	0.009	0.003	0.043
IUG1 Vehicle #2					Phase 3	0.005	0.004	0.044	543.48	0.000	0.005	0.044	0.029
IUG1 Vehicle #2	FTP75	101835	06/29/23	10:43:46	Total / Weighted Results	0.011	0.072	0.106	567.31	0.003	0.008	0.109	0.037
IUG1 Vehicle #2					Phase 2	0.003	0.004	0.012	410.82	0.000	0.003	0.012	0.019
IUG1 Vehicle #2	HWFET	101846	06/29/23	11:49:11	Total / Weighted Results	0.003	0.004	0.012	410.82	0.000	0.003	0.012	0.019

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.”