

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 #1					Phase 1	0.089	0.583	0.414	673.55	0.075	0.014	0.489	0.054
IUG1 Vehicle #1					Phase 2	0.023	0.010	0.000	609.38	0.006	0.017	0.007	0.050
IUG1 Vehicle #1					Phase 3	0.011	0.006	0.020	563.09	0.003	0.008	0.024	0.032
IUG1 Vehicle #1	FTP75	104289	05/04/23	12:36:58	Total / Weighted Results	0.033	0.128	0.092	609.98	0.020	0.014	0.111	0.046
IUG1 Vehicle #1					Phase 2	0.005	0.005	0.000	424.99	0.002	0.003	0.002	0.018
IUG1 Vehicle #1	HWFET	104300	05/04/23	13:39:38	Total / Weighted Results	0.005	0.005	0.000	424.99	0.002	0.003	0.002	0.018
IUG1 Vehicle #1					Phase 1	0.146	0.600	0.452	687.76	0.131	0.015	0.583	0.060
IUG1 Vehicle #1					Phase 2	0.027	0.008	0.003	622.37	0.007	0.020	0.010	0.042
IUG1 Vehicle #1					Phase 3	0.012	0.006	0.028	568.50	0.003	0.009	0.032	0.038
IUG1 Vehicle #1	FTP75	104410	05/09/23	07:37:10	Total / Weighted Results	0.047	0.130	0.103	621.12	0.032	0.016	0.134	0.045
IUG1 Vehicle #1					Phase 2	0.005	0.005	0.012	427.49	0.002	0.003	0.014	0.023
IUG1 Vehicle #1	HWFET	104421	05/09/23	08:50:28	Total / Weighted Results	0.005	0.005	0.012	427.49	0.002	0.003	0.014	0.023
IUG1 Vehicle #1					Phase 1	0.077	0.461	0.452	668.19	0.062	0.015	0.514	0.045
IUG1 Vehicle #1					Phase 2	0.022	0.009	0.001	605.07	0.005	0.018	0.006	0.049
IUG1 Vehicle #1					Phase 3	0.011	0.005	0.039	560.03	0.003	0.008	0.042	0.035
IUG1 Vehicle #1	FTP75	104449	05/10/23	07:21:40	Total / Weighted Results	0.030	0.102	0.105	605.75	0.016	0.014	0.121	0.044
IUG1 Vehicle #1					Phase 2	0.005	0.005	0.010	419.67	0.002	0.003	0.011	0.021
IUG1 Vehicle #1	HWFET	104460	05/10/23	08:28:06	Total / Weighted Results	0.005	0.005	0.010	419.67	0.002	0.003	0.011	0.021

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.”