

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
IUG3 Vehicle #2					Phase 1	0.035	0.349	0.240	583.95	0.018	0.017	0.258	0.036
IUG3 Vehicle #2					Phase 2	0.004	0.011	0.028	489.90	0.000	0.004	0.028	0.033
IUG3 Vehicle #2					Phase 3	0.005	0.010	0.073	493.16	0.000	0.004	0.074	0.039
IUG3 Vehicle #2	FTP75	107716	08/01/23	06:56:21	Total / Weighted Results	0.011	0.081	0.084	510.29	0.004	0.007	0.088	0.036
IUG3 Vehicle #2					Phase 2	0.000	0.005	0.049	379.95	0.000	0.000	0.049	0.022
IUG3 Vehicle #2	HWFET	107727	08/01/23	08:04:17	Total / Weighted Results	0.000	0.005	0.049	379.95	0.000	0.000	0.049	0.022
IUG3 Vehicle #2					Phase 2	0.000	0.003	0.060	565.88	0.000	0.000	0.060	0.027
IUG3 Vehicle #2	US06HW	107748	08/01/23	08:57:22	Total / Weighted Results	0.000	0.003	0.060	565.88	0.000	0.000	0.060	0.027
IUG3 Vehicle #2					Phase 1	0.057	0.487	0.205	586.95	0.031	0.026	0.236	0.031
IUG3 Vehicle #2					Phase 2	0.004	0.007	0.007	491.11	0.001	0.004	0.008	0.032
IUG3 Vehicle #2					Phase 3	0.003	0.005	0.106	490.59	0.001	0.003	0.107	0.031
IUG3 Vehicle #2	FTP75	107768	08/02/23	07:17:35	Total / Weighted Results	0.015	0.106	0.075	510.83	0.007	0.008	0.082	0.031
IUG3 Vehicle #2					Phase 2	0.000	0.002	0.035	560.10	0.000	0.000	0.035	0.026
IUG3 Vehicle #2	US06HW	107800	08/02/23	09:27:31	Total / Weighted Results	0.000	0.002	0.035	560.10	0.000	0.000	0.035	0.026
IUG3 Vehicle #2					Phase 1	0.044	0.517	0.213	581.26	0.025	0.020	0.238	0.028
IUG3 Vehicle #2					Phase 2	0.004	0.006	0.004	485.12	0.001	0.004	0.004	0.028
IUG3 Vehicle #2					Phase 3	0.008	0.077	0.051	491.67	0.002	0.006	0.054	0.032
IUG3 Vehicle #2	FTP75	107820	08/03/23	07:12:14	Total / Weighted Results	0.013	0.132	0.060	506.86	0.006	0.008	0.066	0.029
IUG3 Vehicle #2					Phase 2	0.000	0.004	0.035	378.88	0.000	0.000	0.035	0.017
IUG3 Vehicle #2	HWFET	107832	08/03/23	08:24:40	Total / Weighted Results	0.000	0.004	0.035	378.88	0.000	0.000	0.035	0.017
IUG3 Vehicle #2					Phase 2	0.000	0.003	0.036	557.59	0.000	0.000	0.036	0.025
IUG3 Vehicle #2	US06HW	107853	08/03/23	09:19:59	Total / Weighted Results	0.000	0.003	0.036	557.59	0.000	0.000	0.036	0.025
IUG3 Vehicle #2					Phase 1	0.044	0.548	0.218	580.42	0.024	0.020	0.242	0.024
IUG3 Vehicle #2					Phase 2	0.003	0.007	0.004	485.03	0.000	0.004	0.004	0.026
IUG3 Vehicle #2					Phase 3	0.004	0.015	0.084	487.19	0.000	0.004	0.084	0.032
IUG3 Vehicle #2	FTP75	107873	08/04/23	07:17:17	Total / Weighted Results	0.012	0.121	0.070	505.33	0.005	0.007	0.075	0.028
IUG3 Vehicle #2					Phase 2	0.000	0.004	0.047	376.56	0.000	0.000	0.047	0.013
IUG3 Vehicle #2	HWFET	107884	08/04/23	08:23:55	Total / Weighted Results	0.000	0.004	0.047	376.56	0.000	0.000	0.047	0.013
IUG3 Vehicle #2					Phase 2	0.000	0.003	0.040	559.98	0.000	0.000	0.040	0.024
IUG3 Vehicle #2	US06HW	107905	08/04/23	09:12:31	Total / Weighted Results	0.000	0.003	0.040	559.98	0.000	0.000	0.040	0.024

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 <sup>1</sup>	✓	✓
CO	✓	✓
NOx	✓	✓
CO2	✓	✓
NMHC <sup>2</sup>	✓	
CH4	✓	
N2O	✓	
NMOG <sup>3</sup> +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.”