

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	Transfer LATC to L.A. Downtown / DT0	101781	09/26/24	08:33:00	DT0	0.016	0.540	0.091	475.54	0.016	0.000	0.106	
IUG3 Vehicle #2	Urban Downtown L.A. Route/ DT1	101800	09/26/24	09:09:00	DT1	0.007	0.521	0.065	567.06	0.007	0.000	0.072	
IUG3 Vehicle #2	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.012	0.532	0.079	517.60	0.012	0.000	0.091	
IUG3 Vehicle #2	Transfer LATC to ARB / Combined Route-A0	101962	09/27/24	09:01:00	A0	0.009	0.428	0.097	440.62	0.009	0.000	0.107	
IUG3 Vehicle #2	Freeway East / Combined Route-A1	101986	09/27/24	09:36:00	A1	0.001	0.382	0.078	448.86	0.001	0.000	0.079	
IUG3 Vehicle #2	Uphill / Combined Route-A2	102013	09/27/24	10:08:00	A2	0.001	0.605	0.113	752.54	0.001	0.000	0.114	
IUG3 Vehicle #2	Downhill / Combined Route-B1	102030	09/27/24	10:45:00	B1	0.019	0.447	0.081	249.63	0.019	0.000	0.100	
IUG3 Vehicle #2	Freeway West / Combined Route-B2	102048	09/27/24	11:14:00	B2	0.002	0.362	0.053	457.05	0.002	0.000	0.055	
IUG3 Vehicle #2	PEMS Combined Route				Total / Weighted Results	0.006	0.430	0.082	463.23	0.006	0.000	0.087	
IUG3 Vehicle #2					Phase 1	0.049	0.583	0.219	577.73	0.023	0.027	0.242	0.002
IUG3 Vehicle #2					Phase 2	0.004	0.010	0.008	488.02	0.000	0.004	0.008	0.004
IUG3 Vehicle #2					Phase 3	0.006	0.038	0.027	489.85	0.000	0.006	0.027	0.003
IUG3 Vehicle #2	FTP75	102140	10/08/24	12:07:11	Total / Weighted Results	0.014	0.137	0.057	507.12	0.005	0.010	0.062	0.003
IUG3 Vehicle #2					Phase 2	0.000	0.007	0.001	377.45	0.000	0.000	0.001	0.003
IUG3 Vehicle #2	HWFET	102151	10/08/24	13:30:47	Total / Weighted Results	0.000	0.007	0.001	377.45	0.000	0.000	0.001	0.003
IUG3 Vehicle #2					Phase 2	0.000	0.006	0.012	562.52	0.000	0.000	0.012	0.003
IUG3 Vehicle #2	US06HW	102172	10/08/24	14:30:15	Total / Weighted Results	0.000	0.006	0.012	562.52	0.000	0.000	0.012	0.003
IUG3 Vehicle #2					Phase 1	0.039	0.445	0.197	577.81	0.016	0.023	0.214	0.002
IUG3 Vehicle #2					Phase 2	0.003	0.010	0.006	486.93	0.000	0.004	0.006	0.004
IUG3 Vehicle #2					Phase 3	0.004	0.008	0.027	499.21	0.000	0.005	0.027	0.003
IUG3 Vehicle #2	FTP75	102192	10/09/24	10:33:12	Total / Weighted Results	0.011	0.099	0.051	509.12	0.003	0.008	0.055	0.003
IUG3 Vehicle #2					Phase 2	0.000	0.007	0.000	391.28	0.000	0.000	0.000	0.002
IUG3 Vehicle #2	HWFET	102204	10/09/24	11:49:08	Total / Weighted Results	0.000	0.007	0.000	391.28	0.000	0.000	0.000	0.002
IUG3 Vehicle #2					Phase 2	0.000	0.006	0.037	578.91	0.000	0.000	0.037	0.003
IUG3 Vehicle #2	US06HW	102224	10/09/24	12:48:15	Total / Weighted Results	0.000	0.006	0.037	578.91	0.000	0.000	0.037	0.003
IUG3 Vehicle #2					Phase 1	0.050	0.575	0.179	579.96	0.022	0.029	0.201	0.002
IUG3 Vehicle #2					Phase 2	0.003	0.011	0.007	492.84	0.000	0.004	0.007	0.004
IUG3 Vehicle #2					Phase 3	0.004	0.009	0.040	496.88	0.000	0.005	0.040	0.003
IUG3 Vehicle #2	FTP75	102245	10/10/24	10:53:59	Total / Weighted Results	0.013	0.127	0.052	511.98	0.005	0.009	0.056	0.003
IUG3 Vehicle #2					Phase 2	0.000	0.006	0.000	384.02	0.000	0.000	0.000	0.003
IUG3 Vehicle #2	HWFET	102256	10/10/24	12:13:13	Total / Weighted Results	0.000	0.006	0.000	384.02	0.000	0.000	0.000	0.003
IUG3 Vehicle #2					Phase 2	0.000	0.006	0.012	561.97	0.000	0.000	0.012	0.003
IUG3 Vehicle #2	US06HW	102277	10/10/24	13:11:54	Total / Weighted Results	0.000	0.006	0.012	561.97	0.000	0.000	0.012	0.003
IUG3 Vehicle #2					Phase 1	0.045	0.522	0.197	580.78	0.020	0.027	0.217	0.002
IUG3 Vehicle #2					Phase 2	0.003	0.009	0.006	496.75	0.000	0.004	0.006	0.004
IUG3 Vehicle #2					Phase 3	0.004	0.010	0.006	488.77	0.000	0.005	0.006	0.003
IUG3 Vehicle #2					Phase 4	0.004	0.009	0.006	483.99	0.000	0.005	0.006	0.003
IUG3 Vehicle #2					Phase 5	0.005	0.010	0.007	488.92	0.000	0.005	0.007	0.003
IUG3 Vehicle #2					Phase 6	0.004	0.008	0.002	484.84	0.000	0.005	0.002	0.003
IUG3 Vehicle #2					Phase 7	0.004	0.008	0.001	480.61	0.000	0.005	0.001	0.003
IUG3 Vehicle #2	Special Cycle A - Cold	102297	10/11/24	10:23:53	Total / Weighted Results	0.009	0.078	0.030	499.87	0.003	0.008	0.033	0.003
IUG3 Vehicle #2					Phase 2	0.000	0.010	0.025	503.57	0.000	0.001	0.025	0.003
IUG3 Vehicle #2					Phase 3	0.002	0.016	0.005	507.12	0.000	0.003	0.005	0.006
IUG3 Vehicle #2					Phase 4	0.003	0.013	0.005	505.41	0.000	0.004	0.005	0.005
IUG3 Vehicle #2					Phase 5	0.003	0.013	0.005	502.39	0.000	0.004	0.005	0.004
IUG3 Vehicle #2					Phase 6	0.004	0.014	0.007	503.96	0.000	0.004	0.007	0.003
IUG3 Vehicle #2					Phase 7	0.004	0.015	0.006	504.81	0.000	0.004	0.006	0.003
IUG3 Vehicle #2					Phase 8	0.004	0.014	0.004	501.22	0.000	0.005	0.004	0.003
IUG3 Vehicle #2	Special Cycle A - Hot	102324	10/11/24	12:39:52	Total / Weighted Results	0.003	0.014	0.008	504.07	0.000	0.003	0.008	0.004

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.”