

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
IUG4 Vehicle #1					Phase 1	0.164	0.6	0.11	572.0	0.066	0.10	0.18	0.016
IUG4 Vehicle #1					Phase 2	0.012	0.0	0.00	459.3	0.000	0.01	0.00	0.016
IUG4 Vehicle #1					Phase 3	0.027	0.1	0.02	432.0	0.003	0.03	0.02	0.022
IUG4 Vehicle #1	FTP75	104574	03/19/26	05:56:15	Total / Weighted Results	0.048	0.2	0.03	475.2	0.014	0.03	0.04	0.017
IUG4 Vehicle #1					Phase 2	0.003	0.0	0.14	301.0	0.000	0.00	0.14	0.005
IUG4 Vehicle #1	HWFET	104585	03/19/26	07:38:37	Total / Weighted Results	0.003	0.0	0.14	301.0	0.000	0.00	0.14	0.005
IUG4 Vehicle #1					Phase 2	0.002	0.0	0.07	485.8	0.000	0.00	0.07	0.012
IUG4 Vehicle #1	US06	104606	03/19/26	08:58:13	Total / Weighted Results	0.002	0.0	0.07	485.8	0.000	0.00	0.07	0.012
IUG4 Vehicle #1					Phase 1	0.137	0.5	0.13	555.5	0.052	0.09	0.18	0.020
IUG4 Vehicle #1					Phase 2	0.009	0.0	0.00	447.9	0.000	0.01	0.00	0.019
IUG4 Vehicle #1					Phase 3	0.035	0.1	0.01	433.2	0.005	0.03	0.02	0.023
IUG4 Vehicle #1	FTP75	104864	05/12/26	05:43:26	Total / Weighted Results	0.043	0.1	0.03	466.2	0.012	0.03	0.04	0.020
IUG4 Vehicle #1					Phase 2	0.002	0.0	0.07	299.2	0.000	0.00	0.07	0.005
IUG4 Vehicle #1	HWFET	104875	05/12/26	08:03:58	Total / Weighted Results	0.002	0.0	0.07	299.2	0.000	0.00	0.07	0.005
IUG4 Vehicle #1					Phase 2	0.002	0.0	0.08	478.5	0.000	0.00	0.08	0.016
IUG4 Vehicle #1	US06	104895	05/12/26	09:12:08	Total / Weighted Results	0.002	0.0	0.08	478.5	0.000	0.00	0.08	0.016
IUG4 Vehicle #1					Phase 1	0.128	0.6	0.13	552.8	0.050	0.08	0.18	0.020
IUG4 Vehicle #1					Phase 2	0.010	0.0	0.00	453.9	0.000	0.01	0.00	0.020
IUG4 Vehicle #1					Phase 3	0.033	0.0	0.02	433.9	0.004	0.03	0.02	0.024
IUG4 Vehicle #1	FTP75	104919	05/13/26	05:50:36	Total / Weighted Results	0.040	0.1	0.03	468.9	0.011	0.03	0.04	0.021
IUG4 Vehicle #1					Phase 2	0.002	0.0	0.16	302.0	0.000	0.00	0.16	0.005
IUG4 Vehicle #1	HWFET	104930	05/13/26	07:42:21	Total / Weighted Results	0.002	0.0	0.16	302.0	0.000	0.00	0.16	0.005
IUG4 Vehicle #1					Phase 2	0.001	0.0	0.07	478.4	0.000	0.00	0.07	0.016
IUG4 Vehicle #1	US06	104950	05/13/26	08:51:14	Total / Weighted Results	0.001	0.0	0.07	478.4	0.000	0.00	0.07	0.016
IUG4 Vehicle #1					Phase 1	0.168	0.6	0.12	540.3	0.071	0.10	0.19	0.027
IUG4 Vehicle #1					Phase 2	0.013	0.0	0.00	451.0	0.002	0.01	0.00	0.027
IUG4 Vehicle #1					Phase 3	0.013	0.0	0.00	440.1	0.001	0.01	0.00	0.027
IUG4 Vehicle #1					Phase 4	0.013	0.0	0.00	427.4	0.001	0.01	0.00	0.026
IUG4 Vehicle #1					Phase 5	0.014	0.0	0.00	429.0	0.002	0.01	0.00	0.024
IUG4 Vehicle #1					Phase 6	0.013	0.0	0.00	427.7	0.001	0.01	0.00	0.025
IUG4 Vehicle #1					Phase 7	0.013	0.0	0.00	426.9	0.001	0.01	0.00	0.025
IUG4 Vehicle #1	Special Cycle A - Cold	104999	05/20/26	05:42:24	Total / Weighted Results	0.034	0.1	0.02	448.0	0.011	0.02	0.03	0.026
IUG4 Vehicle #1					Phase 2	0.004	0.1	0.01	402.7	0.001	0.00	0.01	0.026
IUG4 Vehicle #1					Phase 3	0.011	0.0	0.00	433.4	0.002	0.01	0.00	0.039
IUG4 Vehicle #1					Phase 4	0.012	0.0	0.00	433.5	0.002	0.01	0.00	0.025
IUG4 Vehicle #1					Phase 5	0.012	0.0	0.00	434.0	0.002	0.01	0.00	0.024
IUG4 Vehicle #1					Phase 6	0.012	0.0	0.00	430.3	0.002	0.01	0.00	0.022
IUG4 Vehicle #1					Phase 7	0.012	0.0	0.00	436.1	0.002	0.01	0.00	0.023
IUG4 Vehicle #1					Phase 8	0.012	0.0	0.00	435.3	0.002	0.01	0.00	0.022
IUG4 Vehicle #1	Special Cycle A - Hot	105025	05/20/26	08:34:18	Total / Weighted Results	0.011	0.0	0.00	429.6	0.002	0.01	0.00	0.026
IUG4 Vehicle #1	Transfer LATC to ARB / Combined Route-A0	105080	06/02/26	10:25:00	A0	0.022	0.5	0.07	418.7	0.021	0.00	0.09	
IUG4 Vehicle #1	Freeway East / Combined Route-A1	105104	06/02/26	11:08:00	A1	0.004	0.3	0.09	368.4	0.004	0.00	0.09	
IUG4 Vehicle #1	Uphill / Combined Route-A2	105131	06/02/26	11:42:00	A2	0.005	0.6	0.17	741.3	0.005	0.00	0.17	
IUG4 Vehicle #1	Downhill / Combined Route-B1	105148	06/02/26	12:21:00	B1	0.019	0.5	0.06	200.6	0.019	0.00	0.08	
IUG4 Vehicle #1	Freeway West / Combined Route-B2	105166	06/02/26	12:51:00	B2	0.004	0.2	0.02	300.6	0.004	0.00	0.02	
IUG4 Vehicle #1	PEMS Combined Route				Total / Weighted Results	0.010	0.4	0.07	391.5	0.010	0.00	0.08	
IUG4 Vehicle #1	Transfer LATC to L.A. Downtown / DT0	105218	06/03/26	10:59:00	DT0	0.024	0.5	0.15	404.3	0.024	0.00	0.18	
IUG4 Vehicle #1	Urban Downtown L.A. Route/ DT1	105237	06/03/26	11:28:00	DT1	0.010	0.5	0.05	586.0	0.009	0.00	0.06	
IUG4 Vehicle #1	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.018	0.5	0.10	487.9	0.017	0.00	0.12	

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.”