

| Vehicle_ID      | Test_Type/<br>PEMS_Route                 | Start_Odometer [mi] | Start_Date | Start_Time | Phase_Number/ Bag_Number<br>/ 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<br>_NMOG+NOx | Grams_Per_Mile_N2O |
|-----------------|------------------------------------------|---------------------|------------|------------|---------------------------------------------|--------------------|-------------------|--------------------|--------------------|---------------------|--------------------|-----------------------------|--------------------|
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 1                                     | 0.037              | 0.3               | 0.3                | 574.4              | 0.019               | 0.02               | 0.294                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.004              | 0.0               | 0.0                | 485.3              | 0.001               | 0.00               | 0.011                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 3                                     | 0.006              | 0.0               | 0.0                | 483.4              | 0.002               | 0.00               | 0.032                       | 0.04               |
| IUG3 Vehicle #2 | FTP75                                    | 106997              | 05/05/26   | 05:54:55   | Total / Weighted Results                    | 0.012              | 0.1               | 0.1                | 503.2              | 0.005               | 0.01               | 0.075                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.001              | 0.0               | 0.0                | 370.1              | 0.001               | 0.00               | 0.008                       | 0.04               |
| IUG3 Vehicle #2 | HWFET                                    | 107008              | 05/05/26   | 07:53:39   | Total / Weighted Results                    | 0.001              | 0.0               | 0.0                | 370.1              | 0.001               | 0.00               | 0.008                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.000              | 0.0               | 0.0                | 537.2              | 0.000               | 0.00               | 0.034                       | 0.04               |
| IUG3 Vehicle #2 | US06HW                                   | 107029              | 05/05/26   | 08:56:34   | Total / Weighted Results                    | 0.000              | 0.0               | 0.0                | 537.2              | 0.000               | 0.00               | 0.034                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 1                                     | 0.027              | 0.2               | 0.2                | 569.6              | 0.009               | 0.02               | 0.249                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.002              | 0.0               | 0.1                | 484.2              | 0.000               | 0.00               | 0.051                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 3                                     | 0.004              | 0.0               | 0.1                | 484.3              | 0.000               | 0.01               | 0.071                       | 0.05               |
| IUG3 Vehicle #2 | FTP75                                    | 107111              | 05/06/26   | 09:33:38   | Total / Weighted Results                    | 0.008              | 0.1               | 0.1                | 501.9              | 0.002               | 0.01               | 0.097                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.000              | 0.0               | 0.0                | 367.9              | 0.000               | 0.00               | 0.011                       | 0.05               |
| IUG3 Vehicle #2 | HWFET                                    | 107122              | 05/06/26   | 11:02:06   | Total / Weighted Results                    | 0.000              | 0.0               | 0.0                | 367.9              | 0.000               | 0.00               | 0.011                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.000              | 0.0               | 0.1                | 559.7              | 0.000               | 0.00               | 0.050                       | 0.04               |
| IUG3 Vehicle #2 | US06HW                                   | 107143              | 05/06/26   | 12:03:45   | Total / Weighted Results                    | 0.000              | 0.0               | 0.1                | 559.7              | 0.000               | 0.00               | 0.050                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 1                                     | 0.029              | 0.3               | 0.3                | 583.6              | 0.011               | 0.02               | 0.275                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.002              | 0.0               | 0.0                | 501.1              | 0.000               | 0.00               | 0.025                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 3                                     | 0.004              | 0.0               | 0.1                | 498.9              | 0.000               | 0.00               | 0.077                       | 0.06               |
| IUG3 Vehicle #2 | FTP75                                    | 107163              | 05/07/26   | 05:32:57   | Total / Weighted Results                    | 0.008              | 0.1               | 0.1                | 517.6              | 0.002               | 0.01               | 0.091                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.000              | 0.0               | 0.0                | 381.8              | 0.000               | 0.00               | 0.023                       | 0.04               |
| IUG3 Vehicle #2 | HWFET                                    | 107174              | 05/07/26   | 07:09:35   | Total / Weighted Results                    | 0.000              | 0.0               | 0.0                | 381.8              | 0.000               | 0.00               | 0.023                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.000              | 0.0               | 0.0                | 549.0              | 0.000               | 0.00               | 0.015                       | 0.04               |
| IUG3 Vehicle #2 | US06HW                                   | 107195              | 05/07/26   | 08:08:43   | Total / Weighted Results                    | 0.000              | 0.0               | 0.0                | 549.0              | 0.000               | 0.00               | 0.015                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 1                                     | 0.034              | 0.3               | 0.2                | 579.5              | 0.014               | 0.02               | 0.244                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.004              | 0.0               | 0.0                | 505.6              | 0.001               | 0.00               | 0.024                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 3                                     | 0.004              | 0.0               | 0.0                | 499.3              | 0.000               | 0.00               | 0.033                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 4                                     | 0.004              | 0.0               | 0.0                | 492.1              | 0.000               | 0.00               | 0.025                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 5                                     | 0.004              | 0.0               | 0.0                | 494.4              | 0.000               | 0.00               | 0.021                       | 0.03               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 6                                     | 0.004              | 0.0               | 0.0                | 492.7              | 0.000               | 0.00               | 0.020                       | 0.03               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 7                                     | 0.004              | 0.0               | 0.0                | 492.9              | 0.000               | 0.00               | 0.016                       | 0.03               |
| IUG3 Vehicle #2 | Special Cycle A - Cold                   | 107215              | 05/08/26   | 08:41:17   | Total / Weighted Results                    | 0.008              | 0.1               | 0.1                | 507.4              | 0.002               | 0.01               | 0.053                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 2                                     | 0.001              | 0.0               | 0.0                | 490.4              | 0.000               | 0.00               | 0.012                       | 0.06               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 3                                     | 0.004              | 0.0               | 0.0                | 500.6              | 0.001               | 0.00               | 0.010                       | 0.07               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 4                                     | 0.005              | 0.0               | 0.0                | 505.2              | 0.002               | 0.00               | 0.024                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 5                                     | 0.004              | 0.0               | 0.0                | 497.7              | 0.001               | 0.00               | 0.032                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 6                                     | 0.004              | 0.0               | 0.0                | 502.7              | 0.001               | 0.00               | 0.033                       | 0.04               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 7                                     | 0.004              | 0.0               | 0.0                | 499.9              | 0.000               | 0.00               | 0.026                       | 0.05               |
| IUG3 Vehicle #2 |                                          |                     |            |            | Phase 8                                     | 0.005              | 0.0               | 0.0                | 502.9              | 0.001               | 0.00               | 0.025                       | 0.04               |
| IUG3 Vehicle #2 | Special Cycle A - Hot                    | 107285              | 05/08/26   | 14:46:29   | Total / Weighted Results                    | 0.004              | 0.0               | 0.0                | 500.0              | 0.001               | 0.00               | 0.023                       | 0.05               |
| IUG3 Vehicle #2 | Transfer LATC to L.A. Downtown / DT0     | 107395              | 05/15/26   | 10:25:00   | DT0                                         | 0.010              | 0.4               | 0.1                | 444.3              | 0.009               | 0.00               | 0.158                       |                    |
| IUG3 Vehicle #2 | Urban Downtown L.A. Route/ DT1           | 107413              | 05/15/26   | 10:54:00   | DT1                                         | 0.009              | 0.5               | 0.1                | 595.9              | 0.009               | 0.00               | 0.103                       |                    |
| IUG3 Vehicle #2 | PEMS Urban/Downtown L.A. Route           |                     |            |            | Total / Weighted Results                    | 0.009              | 0.5               | 0.1                | 513.9              | 0.009               | 0.00               | 0.133                       |                    |
| IUG3 Vehicle #2 | Transfer LATC to ARB / Combined Route-A0 | 107447              | 05/18/26   | 10:42:00   | A0                                          | 0.007              | 0.4               | 0.1                | 381.9              | 0.007               | 0.00               | 0.083                       |                    |
| IUG3 Vehicle #2 | Freeway East / Combined Route-A1         | 107472              | 05/18/26   | 11:19:00   | A1                                          | 0.001              | 0.3               | 0.0                | 420.7              | 0.001               | 0.00               | 0.048                       |                    |
| IUG3 Vehicle #2 | Uphill / Combined Route-A2               | 107499              | 05/18/26   | 11:50:00   | A2                                          | 0.001              | 0.6               | 0.1                | 718.9              | 0.001               | 0.00               | 0.076                       |                    |
| IUG3 Vehicle #2 | Downhill / Combined Route-B1             | 107516              | 05/18/26   | 12:31:00   | B1                                          | 0.022              | 0.5               | 0.1                | 204.3              | 0.021               | 0.00               | 0.091                       |                    |
| IUG3 Vehicle #2 | Freeway West / Combined Route-B2         | 107534              | 05/18/26   | 13:07:00   | B2                                          | 0.002              | 0.3               | 0.0                | 372.2              | 0.002               | 0.00               | 0.039                       |                    |
| IUG3 Vehicle #2 | PEMS Combined Route                      |                     |            |            | Total / Weighted Results                    | 0.006              | 0.4               | 0.1                | 411.2              | 0.006               | 0.00               | 0.064                       |                    |

Emissions sample table is an enhancement to Appendix B, 4.a.vi

|                        | Bag Results<br>(g/mi) | Second-by-second modal<br>emissions concentration in PPM<br>(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.”