

## Content Description of 2004 Annual Certified Test Results Data

| Field Name            | Field Description                    | Predefined Values | Value Descriptions               |
|-----------------------|--------------------------------------|-------------------|----------------------------------|
| <b>Mfr Cd</b>         | Manufacturer Code                    |                   |                                  |
| <b>Mfr Name</b>       | Full Manufacturer Name               |                   |                                  |
| <b>Engine Family</b>  | Engine Family Name                   |                   |                                  |
| <b>EF Sys #</b>       | Engine Family System Number          |                   |                                  |
| <b>Evap Family</b>    | Evaporative Family Name              |                   |                                  |
| <b>EvF Sys #</b>      | Evaporative Family System Number     |                   |                                  |
| <b>Division</b>       | Full division name of tested vehicle |                   |                                  |
| <b>Carline</b>        | Full carline name of tested vehicle  |                   |                                  |
| <b>ECS-Ev</b>         | Evaporative Emission Control System  | 101               | Crankcase                        |
|                       |                                      | 102               | Canister                         |
|                       |                                      | 103               | Tank                             |
|                       |                                      | 104               | None                             |
|                       |                                      | 105               | Canister + Charcoal Air Cleaner  |
|                       |                                      | 199               | Other                            |
| <b>Displ</b>          | Displacement                         |                   |                                  |
| <b>Trans</b>          | Transmission Configuration           |                   |                                  |
| <b>ETW</b>            | Design Equivalent Test Weight        |                   |                                  |
| <b>Rated HP</b>       | Rated Horsepower                     |                   |                                  |
| <b>Ax Ratio</b>       | Axle Ratio                           |                   |                                  |
| <b>Dyno HP</b>        | Dynamometer horsepower               |                   |                                  |
| <b>Target Coeff A</b> | Target coefficient A                 |                   |                                  |
| <b>Target Coeff B</b> | Target coefficient B                 |                   |                                  |
| <b>Target Coeff C</b> | Target coefficient C                 |                   |                                  |
| <b>Set Coeff A</b>    | Set coefficient A                    |                   |                                  |
| <b>Set Coeff B</b>    | Set coefficient B                    |                   |                                  |
| <b>Set Coeff C</b>    | Set coefficient C                    |                   |                                  |
| <b>Tst Prc</b>        | Test Procedure Code                  | 2                 | CVS 75 '&' LATER (W/O CAN. LOAD) |
|                       |                                      | 10                | IDLE CO                          |
|                       |                                      | 11                | COLD CO                          |
|                       |                                      | 21                | FED FUEL 2 DAY EXH (BUTANE LOAD) |
|                       |                                      | 25                | CA FUEL 2 DAY EXH (BUTANE LOAD)  |
|                       |                                      | 31                | FED FUEL 3 DAY EXH (BUTANE       |

| Field Name        | Field Description        | Predefined Values | Value Descriptions                            |
|-------------------|--------------------------|-------------------|---|
| <b>Fuel Typ</b>   | Fuel type                | 35                | LOAD)<br>CA FUEL 3 DAY EXH (BUTANE<br>LOAD)   |
|                   |                          | 51                | CA FUEL 50°F EXHAUST TEST                     |
|                   |                          | 52                | FED FUEL 50°F EXHAUST TEST                    |
|                   |                          | 72                | CST TWO SPEED IDLE TEST                       |
|                   |                          | 76                | CST PRECD 2 SPD IDLE (EPA ONLY)               |
|                   |                          | 90                | US06  |
|                   |                          | 95                | SC03  |
|                   |                          | 97                | SC03(AC2)                                     |
|                   |                          | 6                 | EPA Unleaded Gasoline                         |
|                   |                          | 9                 | DIESEL(AT EPA #2 DIESEL)                      |
|                   |                          | 22                | SPECIAL UNLEADED 91 RON                       |
|                   |                          | 23                | CARB Phase II Gasoline                        |
|                   |                          | 24                | COLD CO REGULAR(CERT)                         |
|                   |                          | 25                | COLD CO PREMIUM(CERT)                         |
|                   |                          | 26                | COLD CO REGULAR(Tier 2)                       |
|                   |                          | 37                | E10(10% ETHANOL 90% EPA<br>UNLEADED GASOLINE) |
|                   |                          | 38                | E85(85% ETHANOL 15% EPA<br>UNLEADED GASOLINE) |
|                   |                          | 41                | CNG   |
|                   |                          | 44                | E85(85% ETHANOL 15% CAL PHASE<br>II GASOLINE) |
| <b>Sales Area</b> | Sales Area Code          | 62                | TIER 2 UNLEADED                               |
|                   |                          | CA                | CALIFORNIA                                    |
|                   |                          | CF                | CLEAN FUEL VEHICLE                            |
|                   |                          | CL                | CALIF + NLEV (ALL STATES)                     |
|                   |                          | FA                | FEDERAL ALL ALTITUDE                          |
|                   |                          | FC                | FEDERAL + CALIFORNIA TIER 2                   |
|                   |                          | NF                | CLEAN FUEL VEH + NLEV(ASTR) +<br>CALIFORNIA   |
|                   |                          | NL                | NLEV - ALL STATES                             |
|                   |                          | <b>U Life</b>     | Useful Life                                   |
| <b>Emission</b>   | Emission Result Name     |                   |   |
| <b>Cert Level</b> | Emission Result          |                   |   |
|                   | Certification Level      |                   |   |
| <b>Standard</b>   | Emission Result Standard |                   |   |
| <b>Tier</b>       | Standard Tier Code       | B1                | TIER 2 -- BIN 1                               |
|                   |                          | B2                | TIER 2 -- BIN 2                               |
|                   |                          | B3                | TIER 2 -- BIN 3                               |
|                   |                          | B4                | TIER 2 -- BIN 4                               |
|                   |                          | B5                | TIER 2 -- BIN 5                               |
|                   |                          | B6                | TIER 2 -- BIN 6                               |

| Field Name     | Field Description                   | Predefined Values | Value Descriptions              |
|----------------|-------------------------------------|-------------------|---------------------------------|
|                |                                     | B7                | TIER 2 -- BIN 7                 |
|                |                                     | B8                | TIER 2 -- BIN 8                 |
|                |                                     | B9                | TIER 2 -- BIN 9                 |
|                |                                     | B10               | TIER 2 -- BIN 10                |
|                |                                     | B11               | TIER 2 -- BIN 11                |
|                |                                     | C2                | LEV-II EVAP                     |
|                |                                     | CL2               | LEV-II                          |
|                |                                     | CL20              | LEV-II OPTION 1                 |
|                |                                     | CS2               | SULEV-II                        |
|                |                                     | CU2               | ULEV-II                         |
|                |                                     | HDV               | HEAVY-DUTY, CHASSIS             |
|                |                                     | ILEV              | INHERENTLY LOW EMISSION VEHICLE |
|                |                                     | L2                | LEV-II LEV (CA LEV-II LEV STD)  |
|                |                                     | L20               | LEV-II OPT 1 (CA LEV-II OPT 1)  |
|                |                                     | LEV               | LOW EMISSION VEHICLE            |
|                |                                     | N/A               | NOT APPLICABLE                  |
|                |                                     | S2                | LEV-II SULEV (CA LEV-II SULEV)  |
|                |                                     | SLEV              | SUPER ULTRA LOW EMISSION VEH    |
|                |                                     | T1                | TIER 1                          |
|                |                                     | T2                | TIER 2                          |
|                |                                     | TLEV              | CA ONLY-TRANS LOW EMSN VEHICLE  |
|                |                                     | U2                | LEV-II ULEV (CA LEV-II ULEV)    |
|                |                                     | ULEV              | ULTRA LOW EMSN VEHICLE          |
|                |                                     | ZEV               | ZERO EMISSION VEHICLE           |
|                |                                     | ZZ                | LEV-II ZERO EVAP                |
| <b>Mult DF</b> | Multiplicative deterioration factor |                   |                                 |
| <b>Add DF</b>  | Additive deterioration factor       |                   |                                 |