Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

| MODEL YEAR | TEST GROUP | VEHICLE TYPE (PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; LVW=loaded vehicle weight; ALVW=adjusted LVW) | EXHAUST EMISSION STANDARD CATEGORY (LEV=low emission vehicle; TLEV= transitional LEV; ULEV=ultra LEV; SULEV=super ULEV) | EXHAUST&ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles) | FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas) |
|---|---|---|---|---|---|
| 2008 | 8CEXK06.7UXW | MDV: 10001-14000# GVW | LEV II LEV | 120K / * | Diesel |

| No. | EVAPORATIVE FAMILY (EVAF) | No. | SPECIAL FEATURES & EMISSION CONTROL SYSTEMS (ECS) | * = not applicable |
|---|---|---|---|---|
| 1 | * | 1 | OC, NSC, PTOX, 2HO2S(2), TC, CAC, EGR, DDI, OBD (P) | |
| 2 | * | 2 | * | |
| 3 | * | 3 | * | |
| 4 | * | 4 | * | |

OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O2S/HO2S=oxygen sensor/heated O2S AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust gas recirculation NSC=NOx Storage catalyst DDI=Direct Diesel Injection DPF=Diesel Particulate Filter PTOX= periodic trap oxidizer AIR/PAIR=secondary air injection/ pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series

| EVAF No. | ECS No. | ENGINE SIZE (L) | VEHICLE MAKES & MODELS | VEHICLES SUBJECT TO SFTP STANDARDS ARE UNDERLINED |
|---|---|---|---|---|
| * | 1 | 6.7 | Dodge Ram 3500 Pickup 2WD/4WD | |
| | | | | |

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

CH4=methane NMOG=non-CH4 organic gas NMHC=non-CH4 hydrocarbon CO=carbon monoxide NOx=oxides of nitrogen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 day diurnal+hot-soak RL [g/mi]=running loss ORVR [g/gallon dispensed]=on-board refueling vapor recovery g=gram mg=milligram mi=mile K=1000 miles F=degrees Fahrenheit SFTP=supplemental federal test procedure

| NMOG FLEET AVERAGE [g/mi] | | NMOG @ RAF= * CH4 RAF = * | | NMOG or NMHC STD [g/mi] | CO [g/mi] | | NOx [g/mi] | | HCHO [mg/mi] | | PM [g/mi] | | Hwy NOx [g/mi] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PC | STD | NMOG CERT [g/mi] | NMHC CERT [g/mi] | | CERT | STD | CERT | STD | CERT | STD | CERT | STD | CERT | STD |
| * | * | | | | | | | | | | | | | |
| | @ 50K | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | @ UL | * | 0.188 | 0.230 | 0.3 | 7.3 | 0.4 | 0.4 | 1.0 | 40. | 0.001 | 0.02 | 0.3 | 0.8 |
| | @ 50°F & 4K | * | * | * | * | * | * | * | * | * | * | * | * | * |

| CO [g/mi] @ 20°F & 50K | | SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV) SFTP 2 = @ UL (Tier 1, TLEV) | NMHC+NOx [g/mi] (composite) | | CO [g/mi] (composite) | | NMHC+NOx [g/mi] [US06] | | CO [g/mi] [US06] | | NMHC+NOx [g/mi] [SC03] | | CO [g/mi] [SC03] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CERT | STD | CERT | STD | CERT | STD | CERT | STD | CERT | STD | CERT | STD |
| CERT | * | SFTP 1 | * | * | * | * | * | * | * | * | * | * | * | * |
| STD | * | SFTP 2 | * | * | * | * | * | * | * | * | * | * | * | * |

| @ UL | EVAPORATIVE FAMILY 1 | | | | EVAPORATIVE FAMILY 2 | | | | EVAPORATIVE FAMILY 3 | | | | EVAPORATIVE FAMILY 4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3-D | 2-D | RL | ORVR | 3-D | 2-D | RL | ORVR | 3-D | 2-D | RL | ORVR | 3-D | 2-D | RL | ORVR |
| CERT | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| STD | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |

**BE IT FURTHER RESOLVED:** For the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

**BE IT FURTHER RESOLVED:** The listed vehicle models are certified to the exhaust emission standards listed above in accordance with 13 CCR Section 1961 and the incorporated Title 40, Code of Federal Regulations, Sections 86.1816-08 and 86.1863-07. Vehicles in this test group shall not be included in any averaging, banking, or trading program.

**BE IT FURTHER RESOLVED:** The listed vehicle models are conditionally certified in accordance with 13 CCR Section 1968.2(k) (deficiency and fines provisions for certification of malfunction and diagnostic system) because the on-board diagnostic II (OBD) system of the listed vehicle models has been determined to have five deficiencies. The listed vehicle models are approved subject to the manufacturer paying a fine of $75 per vehicle for the fourth and fifth deficiencies in the listed test group that is produced and delivered for sale in California. On a quarterly basis, the manufacturer shall submit to the Air Resources Board reports of the number of vehicles produced and delivered for sale in California and pay the full fine owed for that quarter pursuant to this conditional certification. Payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty (30) days after the end of each calendar quarter during the 2008 model-year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all vehicles covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to $5000 per vehicle pursuant to HSC Section 43154.

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**BE IT FURTHER RESOLVED:** These vehicles are conditionally certified per 13 CCR Section 1968.2 (i)(2.4) because the OBD demonstration data representing the test group above have not been submitted to and approved by Air Resources Board staff. The manufacturer shall submit the OBD demonstration data by July 31, 2007. Failure to submit the required demonstration data by the specified date, or failure of the submitted demonstration data to show compliance with the test procedures, shall be cause for the Air Resources Board to revoke this Executive Order and vehicles sold under the revoked conditional certification shall be deemed uncertified.

**BE IT FURTHER RESOLVED:** The manufacturer has made representations that the listed 2008 model-year (MY) test group is similar to, and is carry-over from, the MY2007 test group 7CEXK040848W. By August 15, 2007, the manufacturer shall provide full documentation of its MY2007 durability testing program, including the complete test log, maintenance log, company's engineering evaluation for any unscheduled maintenance conducted, emission test results, and all data and information used in the calculations for adjustment factors for regeneration emissions. Data and information from the manufacturer's MY2007 durability testing program shall be submitted to the Air Resources Board in a timely manner to provide sufficient time for a determination of durability demonstration and adjustment factors for regeneration emissions as deemed appropriate by the Executive Officer.

**BE IT FURTHER RESOLVED:** The manufacturer has made representations that the listed 2008 model-year (MY) test group is similar to, and is carry-over from, the MY2007 test group 7CEXK040848W. The MY2008 test group is certified on the condition that the manufacturer's high-mileage vehicle successfully passes the confirmatory on-board diagnostic II (OBD) demonstration testing. By August 15, 2007, the manufacturer shall demonstrate that the OBD test vehicle in a baseline configuration complies with the applicable emission standards using adjustment factors for regeneration emissions that will be determined by the Air Resources Board based on results from the ARB's confirmatory test program and data and information provided by the manufacturer as deemed appropriate by the Executive Officer. Failure of the baseline test vehicle to demonstrate compliance, in the time given, with the applicable emission standards shall be cause for the Executive Officer to rescind and void this conditional certification *ab initio*. Vehicles sold under the rescinded conditional Executive Order will be deemed uncertified and shall be subject to penalties authorized by California laws.

**BE IT FURTHER RESOLVED:** The manufacturer has made representations that the listed 2008 model-year (MY) test group is similar to, and is carry-over from, the MY2007 test groups 7CEXK040848W. The MY2008 test group is certified on the condition that the manufacturer's high-mileage vehicle successfully passes the confirmatory on-board diagnostic II (OBD) demonstration testing. By August 15, 2007, the manufacturer shall implement any necessary production running changes as discussed in the OBD approval letter for test group 8CEXK06.7UXW (see ARB letter Reference No. E-07-129) to demonstrate that the OBD test vehicle complies with the requirements under 13 CCR Section 1968.2. Failure of the test vehicle to demonstrate compliance as specified in ARB letter Reference No. E-07-129, in the time given, with the applicable requirements under 13 CCR Section 1968.2 shall be cause for the Executive Officer to rescind and void this conditional certification *ab initio*. Vehicle sold under the rescinded conditional Executive Order will be deemed uncertified and shall be subject to penalties authorized by California laws.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 29 day of June 2007.

Annette Hebert

Annette Hebert, Chief
Mobile Source Operations Division

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