| Californ | | | |
|----------|-------|------|-------|
| | RESOU | RCES | BOARD |

FORD MOTOR COMPANY

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.

| MOD YEA | R TEST GROUP | | | | VEHICLE TYPE (PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicie; 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 / EVAPORATIVE USEFUL LIFE (UL) (miles) | FUEL TYPE (CNG/LNG≂compressed/ liquefled natural gas; LPG≂liquefled petroleum gas) | | |
|-------------|----------------|----------|------------------|---|---|---|----------|---|--------------------|------------------------|---|---|--|--|
| 200 | 7 7FMXV04.6VEF | | | | | PC USEPA Bin 5 Counted as ARB LEV II LEV | | | | | 120K / 150K | Flexible Fuel: Ethanol (E85) / Gasoline (Tier 2 Unleaded) | | |
| No. | FAMI | LY (E | VAF) | N | o | SPECIAL FE | SYSTEM | NS (ECS) | * * not applicable | | C/TWC=oxidizing/3-wa | ADSTINGAL ADSTING | | |
| 2 | / FMA | * | R0115GAK | | | 2TWC(2), 2 | HO2S(2), | EGR, SFI, OB | | FS/HAFS=air-fuel ratio | HU2S=oxygen sensor/heated O2S | | | |
| 3 | | * | | | 3 | | | <u> </u> | | | VR=secondary air injection/pulse rt fuel injection/sequential MFI | | | |
| 4 | | • | | | | | * | | | | TBl= 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. | | CS o. | ENGIN SIZE (L | | M | VEHICLE | VÉH | ICLES SUBJ | UNDERLINED | | REVIATIONS: * | | | |
| - | -+ | 1 | 4.6 | _ | | | For | Crown Victo | ria FFV: Mercury | | | | | |
| • | - -, | • • | • | - | | | | | | | | | | |

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.)

| | IOG FL | .EET (g/mi] | NMOG @ CH4 I | RAF= * (*) | NMOG o | CH4=meti | une NMC | G=non-Cl | 4 organic | gas NMH | IC=non-C | H4 hydroca | rbon CO=c | arbon mono | xide NÖx | ovines of |
|--|-------------------|----------------|--|----------------|-------------------------|------------------------|---------------------|-----------------------|--------------------------|-------------------|------------|--|----------------------------|---|----------------|-----------------------|
| CER | <u>11</u> | STD | | NMHC | | diurnal+h mg=millig | ot-soak i ram mi | RL[g/mi]≃r ≃mile K | unning los =1000 mile | S ORVR | [g/gallo | KAF=reactiv I dispensed] ahrenheit | ing abjustm ⊨on-board r | ent factor | 2/3 D [g/tes | t]=2/3 day |
| 0.04 | | 0.043 | [g/mi] | CERT [g/mi] | [g/mi] | CO | [g/mi] STD | N | lOx [g/m | $1 \square$ | НСНО | mg/mi] | SFTP=sup PM [g | Alla Ling and the second se | oerai test p | rocedure Ix [g/mi] |
| 1985.163.6.1 | | @ 50K | 0.029 | + | 0.075 | 0,4 | 3.4 | CEF | | TD (05 | | \$TD 15 | CERT | STD | CERT | STD |
| | | @ UL | 0.045 | <u>-</u> - | 0.075 | (1.0) | (3.4) | (0.0 | | 05) 07 | <u> </u> | (15) | - | + | 0.02 (0.02) | 0.07 (0.07) |
| Ashatta ne i a | @ S0 ⁴ | F & 4K | (0.059) | | (0.090) | (1.2) | (4.2) | (0.0 | - 1 - | 07) | () | 18 (18) | - m | 0.01 (0.01) | 0.05 | 0.09 (0.09) |
| CO | | _ | | | NIM LOO N | * | | • | _ | * | * | • | | • | * | + |
| @ 20 50 | PF& | | = @ 4K (SUL V) or 50K (T = @ UL (Tier | IEF 1. TI EVII | NMHC+N (comp CERT | osite) | (com | [g/mi] posite) | [g /m | IC+NOx [[US06] | | CO [g/mi] [US06] | | HC+NOx I] [SC03] | CO | [g/mi] 2031 |
| CERT | (4.5) | | and the second sec | FTP @ 4K | + CERJ | STD | CERT | STD | CERT | | CE | RT STO | | | CERT | STD |
| STD | * 1 | | | FTP @ UL | | | | ļ | (0.01) | (0.14) |) (3. | 4) (8.0 |) (0.03) | (0.20) | (1.1) | (2.7) |
| | | VAPORA | the same from any standard | - | (0.10) | (0.65) | | <u> </u> | | • | (3. | | n • | • | (1.5) | (3.7) |
| @ UL EVAPORATIVE FAMILY 1 3-D 2-D RL OF | | | | 3-D | 2-D | | EVAPORATIVE FAMIL | | | | EVAPORAT | | TIVE FAMILY 4 | | | |
| CERT | 0.29 | 0.26 | | 0.01 | | * | RL | ORVR | 3-D | 2-D | RL | ORVE | 3-D | 2-D | RL | ORVR |
| STD | 0.50 | 0.65 | | 0.20 | • | | | | | * | - | - | * | * | • | • |
| | | | - | | | | | | - | • | 1 * | · · | + | * | | * |

BE IT FURTHER RESOLVED: That 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: That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures.

BE IT FURTHER RESOLVED: That the listed vehicle models are permitted intermediate in-use compliance standards pursuant to Title 40, Code of Federal Regulations (40 CFR), Section 1811-04 (p).

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 ____ 2²⁴ day of December 2006.

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Annette Hebert, Chief Mobile Source Operations Division