Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

| engines | shall be in all m | aterial respe | ects the same as the | | INTENDED | 3 | | | | | | |
|---------------|--|--|--|---|---------------------------|---|--|--|--|--|--|--|
| MODEL | ENGINE FAMILY | ENGINE SIZES (L) | FUEL TYPE | STANDARDS & TEST PROCEDURE | SERVICE | ECS & SPECIAL FEATURES 3 DDI, ECM, TC, CAC, EGR, OC, PTOX | | | | | | |
| YEAR | | 40.9 | Diesel | Diesel | HHDD | | | | | | | |
| 2006 | 6CEXH0661MAZ | CEARDOUTHING THE PROPERTY OF T | | | | | | | | | | |
| ENGINE (L | | | | | | | | | | | | |
| 10.8 | ISM 350S ISM 385 | T / 1531;FR2011 V / 1531;FR2012 | 7 (385), ISM 350ST / 1531;FR 3 (385), ISM 350V / 1531;FR ISM | R20118 (385), ISM 20124 (350), ISM 1 385 / 1531;FR2 | 350V / 1531 0127 (385) | FR20121 (340), ISM 385V / 1531;FR20126 (385), FR20125 (350), ISM 385 / 1531;FR20126 (385), | | | | | | |
| - | | | | * | | | | | | | | |
| ├ | | | | • | | 10. Code of Federal Regulations, Section 86.abc; | | | | | | |
| | The state of the s | de weight rating: 13 | CCR xyz=Title 13, California Cod | e of Regulations, Se | ction xyz; 40 C | FR 86.abc=Title 40, Code of Federal Regulations, Section 86.abc: | | | | | | |

=not applicable; GVWR=gross vehicle weight rating; 13 CCR xyz=Title 13, California Code of Regulations, Section xyz; 49 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 49 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 49 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 49 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section xyz; 40 CFR 86.abc=T

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.1 (urban bus) or 13 CCR 1956.8 (other than urban bus); 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, in g/bhp-hr, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.1 or 13 CCR 1956.8 are in parentheses.)

| engines, th | e STD and | CERT val | ues for a | elauit obeie | ioon pomm | | | | Р | M | HC | :но |
|-------------|--------------|-----------------------------------|------------------------------|----------------------------------|---------------|--------------|---------------|--|---|----------------|---------------------------------------|-----------------|
| O.1.g | · | | NOx | | NMHC+NOx | | co | | | EURO | FTP | EURO |
| | NMHC | | | | FTP | EURO | FTP | EURO | FTP | EORO | | |
| \ · | FTP | EURO | FTP | EURO | FIF | | 15.5 | 15.5 | • | · | | |
| | 0.5 | 0,5 | • | Ţ • ' | L | <u> </u> | 1 | | 0.01 | 0.01 | · · · · · · · · · · · · · · · · · · · | <u> </u> |
| STD | 0.5 | | • | * | 2.5 | 2.5 | <u> </u> | | 0.002 | 0.001 | • | • |
| FEL | l | <u> </u> | | | 2.3 | 2.2 | 0.04 | 0.00 | | | | • |
| CERT | 0.01 | 0.01 | | | 3,125 | | 19,375 | | 0.0125 NTF=Not-to-Exceed; STD=standard or emission test cap; | | | |
| NTE | | 625 ake horsepow CERT=certi | er-hour; F fication level | * TP=Federal Te : NMHC/HC= | st Procedure; | EURO=Euro II | NOx=oxides or | ady-State Cycle nitrogen: CO: | - | ide; PM=partic | ulate matter; HC | HO=romaldenyde. |
| FEL-IBITINY | GITIES STORY | | | | | ci (a) lists | ad ahove | as applic | able, is s | aplect to r | he followin | ofan |

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels) and 13 CCR 2035 et seq. (emission control warranty).

Engines certified under this Executive Order must 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

day of December 2006.

Annette Hebert, Chief

Mobile Source Operations Division

L=liter; hp=horsepower; kw=kilowalt;

CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a. BF=bi fuel; DF=dual fuel; FF=flexible fuel;

CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a. BF=bi fuel; DF=dual fuel; FF=flexible fuel;

DMH HDD=light/medium/heavy heavy-duty diesel; UB=urban bus; HDD=heavy duty Otto;

ECS=emission control system; TWC/OC=three-way/oxidizing catalyst; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter; HDGS/OQS=heated/oxygen sensor; AAFS/AFS=heated/air-liqueficed gasoline injection; GCARB=gaseous carburetor; as a control system; TWC/OC=three-way/oxidizing catalyst; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter; HDGS/OQS=heated/oxygen sensor; TAFS-heated/oxygen catalyst; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter; HDGS/OQS=heated/oxygen sensor; HAFS/AFS=heated/oxygen sensor; TAFS-liquefix = catalyst; DPF=diesel particulate filter; HDGS/OQS=heated/oxygen sensor; HAFS/AFS=heated/oxygen sensor; TAFS-liquefix = catalyst; DPF=diesel particulate filter; HDGS/OQS=heated/oxygen sensor; TAFS-liquefix = catalyst; DPF=diesel particulate filter; HDGS/OQS=hea