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 Executive Order G-02-003;

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.


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 CGR 1956.1 or 13 CCR 1956.8 are in parentheses.)


BE IT FURTHER RESOLVED: Cerfification 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: The listed engine models have been certified to the split engine family standards under 13 CCR 1956.8(b) [diesel engines] or 13 CCR 1956.8(d) [Otto engines] and the incorporated 40 CFR $86.007-15(\mathrm{~m})(9)$.
BEIT 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 $\qquad$ day of January 2007.


Annette Hebert, Chief
Mobile Source Operations Division



Engine Model Summary Template

| $\frac{\text { Engine Family }}{\text { GCEXH0912XAK }}$ | 1.Engine Code | 2. Engine Model | 3.BHP@RPM (SAE Gross) | 4.Fuei Rate: <br> mm/stroke @ peak HP (for diesel only) | 5.Fuel Rate: ( $\mathrm{lbs} / \mathrm{hr}$ ) @ peak HP (for diesels only) | 6. Torque @ RPM (SEA Gross) | 7.Fuel Rate mm/stroke@peak torque | 8. Fuel Rate: (lbs/hr)@peak torq | 9.Emission Conitrol queDevice Per SAE J193 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6СЕХН0912XAK | 1437;FR10654 | ISX 400S ${ }^{\text {T }}$ | 408@1800 | 245 | 149 | 1650@1200 |  |  |  |
| 6CEXH0912XAK | 1437;FR10652 | ISX400ST |  | 245 | 149 |  |  |  | C PTOX, PCM, |
| 6CEXH0912XAK | 1437;FR10655 |  |  |  | 149 | 1750@1200 | 349 | 141 | CAC PFOX, PGA $^{\text {a }}$ |
| 6CEXH0912XAK | 1437;FR10656 | X 4 | , | 24 | 149 | 1650@1200 | 333 | 135 | DDI, PTPX, PCM, |
| 6CEXH0912XAK | 1437:FR10658 | X 4 |  | 252 | 153 | 1450@1200 | 284 |  | EGR, PTOX, PCM, |
| 6CEXH0912XAK | 1437;FR10657 |  |  |  | 149 | 1550@1200 | 311 | 126 | OC, PTOX PCM, |
| 6CEXH0912XAK | 1437.FR10646 | $\frac{15 \times 3855 T}{15 \times 435 \mathrm{~V}}$ | 08@18 |  | 149 | 1550@1200 | 311 | 126 | PTOX, RCM, |
| 6CEXH0912XAK | 1437;FR10646 | ISX 435V | 425@1800 | 252 | 153 | 1450@1200 | 284 | 116 | PTOX, PCM, |

