



Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC) Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following on-road motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

| ENGINE MANUFACTURER | ENGINE MODEL YEAR | ENGINE EXECUTIVE ORDER | ENGINE FAMILY | ENGINE'S INTENDED SERVICE CLASS | ENGINE SIZE (liter) | ENGINE FUEL TYPE | ENGINE STANDARDS & TEST PROCEDURE |
|--|------------------------------|------------------------|-------------------------|---------------------------------|---|--|-----------------------------------|
| BAYTECH CORPORATION | 2002 | A-330-0066 | 2BYTH05.7ULV | Heavy-Duty | 5.7 | Dual Fuel Compressed Natural Gas or Gasoline | Otto |
| Gasoline, LPG or Alcohol Vehicles Only | | | VEHICLE MODEL YEAR | VEHICLE MAKE & MODELS | ENGINE MODELS / CODES (rated power in horsepower, hp) | | |
| EVAPORATIVE FAMILY | FUEL TANK CAPACITY (gallons) | 2002 | | | | | |
| 2BYTE05.7EIV | 30 | | ISUZU NPR HD, GMC W4500 | | | L31-CNG or GASOLINE/ 3 (211 hp for CNG, 245 hp for Gasoline) | |
| 2BYTE05.7EIV | 40 | | WORKHORSE P42 CHASSIS | | | L31-CNG or GASOLINE/ 3 (211 hp for CNG, 245 hp for Gasoline) | |
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The following are the exhaust emission standards, or family emission limit(s) (FEL) as applicable, and certification levels for this engine family for hydrocarbons (HC) or non-methane hydrocarbons (NMHC), oxides of nitrogen (NOx), or NMHC+NOx, carbon monoxide (CO), particulate matter (PM), and formaldehyde (HCHO) in grams per brake horsepower-hour (g/bhp-hr) (Title 13, California Code of Regulations, (13 CCR) Section 1956.1 (urban bus) or 1956.8 (other than urban bus)): (The emission standards and certification levels for default operations permitted under 13 CCR Section 1956.1 or 1956.8 are in parentheses.) (For bi-, dual- or flexible-fueled engines, the certification levels in brackets are those applicable to testing on gasoline test fuel.)

| * = not applicable | [g/bhp-hr] | HC | NMHC | NOx | NMHC+NOx | CO | PM | HCHO |
|-----------------------------|------------|----|------------|-----------|----------|-----------|----|------|
| (DIRECT) STANDARD | | * | 1.7 | 1.5 | * | 37.1 | * | * |
| CORPORATE AVERAGE STANDARD | | * | * | * | * | * | * | * |
| FAMILY EMISSION LIMIT (FEL) | | * | * | * | * | * | * | * |
| CERTIFICATION LEVEL | | * | 0.00 [0.2] | 1.3 [1.3] | * | 5.9 [1.5] | * | * |

BE IT FURTHER RESOLVED: That 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: That the listed engine models have been certified to the optional lower NOx emission standard listed above pursuant to 13 CCR Section 1956.1 or 1956.8.

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR Sections 1965 (emission control labeling), 1976(b)(1)(B) and (C) (evaporative emission standards), 2035 et seq. (emission control system warranty), and 2235 [fill pipes and openings of motor vehicle fuel tanks]. (The braces {} are for gasoline, liquefied petroleum gas or alcohol fueled vehicles only. The brackets [] are for gasoline or alcohol fueled vehicles only.)

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 7th day of January 2002.


R. B. Summerfield, Chief
Mobile Source Operations Division