State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-956-B

Relating to Certification of New Medium-Duty Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) between 8,501 to 14,000 pounds are certified using Otto-cycle engines listed below:

| Engine Manufacturer | Engine Family | Engine Displacement Liters | (Cubic Inches) | Engine Model Year and Certification Executive Order No | |
|---|---|---|---|---|---|
| General Motors Corporation | YGMXH06.0583 | 6.0 | (364) | 2000 | A-6-942 |

Engine models and codes are listed on attachments.

The certification exhaust emission standards for this engine family in grams per brake horsepower-hour are:

| Non-Methane Hydrocarbons + Nitrogen Oxides | Carbon Monoxide |
|---|---|
| 3.9 | 14.4 |

The certification exhaust emission values for this engine family in grams per brake horsepower-hour are:

| Non-Methane Hydrocarbons + Nitrogen Oxides | Carbon Monoxide |
|---|---|
| 1.1 | 4.9 |

BE IT FURTHER RESOLVED: That the listed engine models are certified to the optional standards and test procedures applicable to incomplete and diesel medium-duty vehicles of 8,501 to 14,000 pounds GVWR pursuant to Title 13, California Code of Regulations, Section 1956.8(g).

BE IT FURTHER RESOLVED: That the listed engine models shall be subject to the in-use compliance provisions applicable to 1995 and subsequent model-year medium-duty vehicle engines set forth in Title 13, California Code of Regulations, Section 2139(c).

BE IT FURTHER RESOLVED: That the listed engine models and vehicle models comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1 for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed engine models comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

Vehicles 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 order and attachments.

Executed at El Monte, California this 18th day of February 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division

SDS EO#: A-6-956-B

## FAMILY MODEL USAGE

| Eng. Code | Eng. Model | Disp. L (CID) | SFI | Emission Control System Exhaust | Emission Control System Evaporative | Model Usage | Governor |
|---|---|---|---|---|---|---|---|
| 1* | LQ4 | 6.0L (364) | 1 | EGR/TWC | C-SL-TBP | CK20 | None |
| 21* | LQ4 | 6.0L (364) | 1 | EGR/TWC | C-SL-TBP | CK20 | None |
| 51* | LQ4 | 6.0L (364) | 1 | EGR/TWC | C-SL-TBP | CK20 | None |
| 71* | LQ4 | 6.0L (364) | 1 | EGR/TWC | C-SL-TBP | CK20 | None |

* Engine codes 1, 21, 51, 71 and letter derivatives are for less than 14,000 GVWR.

NA - Not Applicable

ISSUED: 01-15-99 REV. NO.:

Ref. EF:
10-YGMXH06.0583-4
(EO#: A-6-942)

10-0583