

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-1004

Relating to Certification of New Heavy-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 2001 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) greater than 14,000 pounds are certified using Otto-cycle engines listed below:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Displacement Liters(Cubic Inches)</u>	<u>Engine Model Year and Certification Executive Order No</u>
General Motors Corporation	1GMXH08.1512	8.1 (496)	2001 A-6-1003

Vehicle and engine models and codes are listed on attachments.

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

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
1.9	37.1	4.0

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

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.8	7.6	1.7

BE IT FURTHER RESOLVED: That for the listed vehicle 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 manufacturer is certifying the listed vehicle models to the running loss and useful life standards listed in Section E.1.(a) of the "California Evaporative Emission Standards and Test Procedures for 2001 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 vehicle 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 3RD day of November 2000.



R. B. Summerfield, Chief
Mobile Source Operations Division

EO#: A-6-1004

ENGINE FAMILY 1GMXH08.1512

(Attachment)

EVAPORATIVE FAMILY 1GMXE0459998

FAMILY MODEL USAGE

Eng. Code	Eng. Model	Disp. L (CID)	SFI	Emission Control System		Model Usage	Governor
				Exhaust	Evaporative		
10*	L18	8.1 (496)	1	EGR/TWC	C-SL-TBP	B7, C6, C7	Std
20*	L18	8.1 (496)	1	EGR/TWC	C-SL-TBP	B7, C6, C7	Std

* Engine codes 10 and 20 and their letter derivatives are for Nationwide vehicles above 14,000 GVWR.

*** ENGINE CODES 10 AND 20 AND THEIR LETTER DERIVATIVES HAVE BOTH AUTOMATIC AND MANUAL TRANSMISSIONS.**

ISSUED: 10-06-00

REV. NO.: 10-25-00

01-81512