(Page 1 of 2)

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-821

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 1998 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:

Engine Manufacturer	Engine Family	Engine Displ Liters(Cubic	acement	and C	e Model Year ertification tive Order No
General Motors Corporation	WGMXH05.7582 WGMXH07.4501	5.7 (350) 7.4 (454)			A-6-819 A-6-819

Engine models and codes are listed on attachments.

15

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

Non-Methane	Carbon	Nitrogen
<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
1.9	37.1	4.0

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

Engine Family	Non-Methane	Carbon	Nitrogen
	<u>Hydrocarbons</u>	<u>Monoxide</u>	_Oxides_
WGMXH05.7582	0.2	3.8	1.7
WGMXH07.4501	0.3	8.7	2.4

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.). GENERAL MOTORS CORPORATION

· ~

EXECUTIVE ORDER A-6-821 (Page 2 of 2)

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 26th day of June 1997.

Ilm Kourllin for

R. B. Summerfield, Chief Mobile Source Operations Division