

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-546  
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

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-45-3;

IT IS ORDERED AND RESOLVED: That the following General Motors Corporation 1992 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
NGM06.2DAB1	6.2 (379)	Indirect Diesel Injection

Engine models and codes are listed on attachments.

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

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.25

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


<u>Engine Family</u>	<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
NGM06.2DAB1	0.4	2.2	4.1	0.23

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 order and attachments.

Executed at El Monte, California this 22 day of May, 1991.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

17-NGM06.2DAB1-1  
(FOR CARB USE ONLY)  
(1992)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: GENERAL MOTORS CORPORATION EXECUTIVE ORDER NO.: A-6-546  
ENGINE FAMILY: NGM06.2DAB1 LITER (CI): 6.2L (379) ENGINE TYPE: V8  
EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EM (IDI)

<u>ENG MODEL (ENG CODE)</u>	<u>FUEL INJECTION PUMP MFR PART NO.</u>	<u>INJECTOR MFR PART NO.</u>	<u>MAXIMUM RATED HP AT RPM</u>	<u>FUEL RATE MM3/STROKE (LBS/HR)</u>	<u>PART./TRAP CATALYST MFR PART NO.</u>
6.2L (1,1A)	10154615 10154616*	GENERAL MOTORS 10163737	165 @ 3500	50.5 (78.4)	NA
6.2L (2,2A)	10154617**	GENERAL MOTORS 10163737	155 @ 3500	45.5 (70.6)	NA

\* Artic, 1.2 centistoke

\*\* High altitude

ISSUED: 04-05-91

REV. NO.: 003