State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-699-B

Relating to Certification of New Heavy-Duty 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 1995 model-year General Motors Corporation diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) above 14,000 pounds:

Fuel Type: Diesel

Engine Family	Engine Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
SGM6.5C6DARW	6.5	(395)	Indirect Fuel Injection

Engine models and codes are listed on attachments.

The certification exhaust emission standards and, in accordance with the manufacturer's particulates averaging program, the particulates emission limit for this engine family in grams per brake horsepower-hour are:

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates Emission Standard	Particulates Averaging Value	Particulates Family Limit
1.3	15.5	5.0	0.10	0.10	0.15

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

Engine Family	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
SGM6.5C6DARW	0.6	3.2	4.3	0.15

BE IT FURTHUR RESOLVED: That these engines are included in a diesel heavy-duty particulates averaging program as permitted in the "California Exhaust Emission Standards and Test Procedures for 1985 and Subsequent Model Heavy-Duty Engines and Vehicles, amended July 12, 1991", referenced section 86.091-11(a)(1)(iv)(c).

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.).

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 14th day of April, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

17-SGM6.5C6DARW-1

(FOR CARB USE ONLY)

(1995)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY-DUTY DIESEL ENGINES

EXECUTIVE ORDER NO.: A-6-699-B

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: SGM6.5C6DARW LITER (CI): 6.5L (395) ENGINE TYPE: V8

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EM, IFI

ENG MODEL (ENG CODE)	FUEL INJECTION PUMP MFR PART NO.	INJECTOR MFR PART NO.	MAXIMUM RATED HP AT RPM	FUEL RATE MM3/STROKE (LBS/HR)	PART./TRAP CATALYST MFR PART NO.
L57 (1)	10229115	GENERAL MOTORS 10233973	160 @ 3400	50.5 (76.1)	NA
L57 (2)	10229119*	GENERAL MOTORS 10233973	150 @ 3400	45.5 (68.6)	NA
L57 (3)	10238969	GENERAL MOTORS 10233973	127 @ 2600	47.0 (54.2)	NA

* High altitude

ISSUED: 02-23-94 REV. NO.: