

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-699-A

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-45-3;

IT IS ORDERED AND RESOLVED: That the following 1995 model-year General Motors Corporation exhaust emission control systems are certified as described below for medium-duty vehicles with a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds:

Fuel Type: Diesel

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

Vehicle and 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:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>		
			<u>Emission Standard</u>	<u>Averaging Value</u>	<u>Family Limit</u>
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:

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

BE IT FURTHER RESOLVED: That, pursuant to Title 13, California Code of Regulations, Section 1960.1(h)(1)(3), the listed vehicle models are certified to the exhaust emission standards and test procedures applicable to 1994 model-year heavy-duty diesel-cycle engines (Title 13, California Code of Regulations, Section 1956.8) based on a phase-in compliance plan submitted by the manufacturer.

BE IT FURTHER RESOLVED: That, based on the phase-in compliance plan submitted by the manufacturer, the listed vehicle models shall not be subject to the standards applicable to 1995 model-year medium-duty vehicles, set forth in Title 13, California Code of Regulations, Section 1960.1(h).

BE IT FURTHER RESOLVED: That the engines used in the listed vehicle models are included in a diesel 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 the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models are not subject to the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

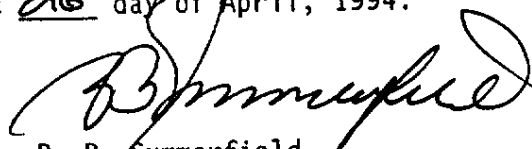
BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

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.).

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 26<sup>th</sup> 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

MANUFACTURER: GENERAL MOTORS CORPORATION

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

ENGINE FAMILY: SGM6.5C6DARW

LITER (CI): 6.5L (395)

ENGINE TYPE: V8

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EM, IFI

<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>
L57 (1)	10229115	GENERAL MOTORS 10233973	160 @ 3400	50.5 (76.1)	NA
L57	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.: