State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-653

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

GENERAL MOTORS CORPORATIONS

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 1994 model 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

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
RGM6.5C6DAAA	6.5	(395)	Indirect Fuel Injection Oxidation Catalytic Converter

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	0.084	0.08

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
RGM6.5C6DAAA	0.1	1.5	3.4	0.08

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.).

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

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 16th day of June, 1993

Norman Kaiser for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

(1994)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: GENERAL MOTORS CORPORATION EXECUTIVE ORDER NO.: A-6-653

ENGINE FAMILY: RGM6.5C6DAAA LITER (CI): 6.5L (395) ENGINE TYPE: V8

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: IFI, OC

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.
L65 (1)	6443439 10225929	GENERAL MOTORS 10233973	200 @ 3400	60.0 (90.4)	25144421 25144427 25143882 25152218 25144425 25143891 25143901 25143188
L65 (2)	6443439 10225929	GENERAL MOTORS 10233973	210 @ 3400	62.2 (93.8)	25144421 25144427 25143882 25152218 25144425 25143891 25143901 25143188

ISSUED: 05-26-93 REV. NO.: