State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-45
Relating to Certification of New Motor Vehicle Engines

MACK TRUCKS, INC.

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 Mack Trucks, Inc. 1985 model-year diesel engines have shown compliance with the optional transient standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
12	672	(11)	(Acceleration Smoke Puff Limiter) (Intercooler) (Turbocharger)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

Engine Family	Hydrocarbons gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
12	0.6	4.7

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 regulations (Title 13, California Administrative Code, Section 2036).

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.

Executed at El Monte, California this 19th day of December, 1984.

Bob Cross for

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-27-45

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer MACK TRUCKS, INC. Page 1.

Engine Family 12 CID(Liter)-Type 672 In-Line 6

ECS and (Special Features) Turbocharged, Series Charge Air Cooled (Smoke Puff Limiter)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm^3/stroke	Label Ident.
EMC6-250L	UTDS 313GC5158-P18	UTDS 114GC39-P11	250 @ 1800	171.6	12
EC6-275	UTDS 313GC5153-P30	UTDS 114GC39-P11	275 @ 2100	165.4	12

Date of Issue -

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