State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-78

Relating to Certification of New Heavy-Duty Motor Vehicles

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-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year Mack Trucks, Inc. motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) greater than 14,000 pounds are certified using Diesel-cycle engines listed below:

Engine Manufacturer	Engine Family	Engine Displacement Liters(Cubic Inches)	Engine Model Year and Certification Executive Order No	
Mack Trucks	YMKXH11.9G55	11.9 (787)	2000	A-27-77

Engine models and codes are listed on attachments.

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

Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
1.2	15.5	2.5

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

Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
0.3	1.3	2.3

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 the listed engine models are certified to the optional lower-emission NOx standards pursuant to Title 13, California Code of Regulations, Section 1956.8(a)(1)

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed engine models comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 22nd day of September 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division