State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-243-17

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

VOLVO TRUCK 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 Volvo Truck 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
RVT6.7D6DBRA (VE-D7)	6.7	(409)	Smoke Puff Limiter Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

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

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.10

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

Engine Family	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
RVT6.7D6DBRA (VE-D7)	0.3	1.0	5.0	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.).

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 31st day of March, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1994 AIR RESOURCE BOARD SUPPLEMENTAL DATA SHEET E.O# A-243-17

HEAVY-DUTY DIESEL ENGINES

Manufacturer: Volvo Truck Corporation Engine Family: RVT6.7D6DBRA

Liters (CID): 6.7 (409) Fuel Type: Diesel Engine Config.: 6 cyl. in line

Exhaust ECS & Special Features (ECM/PCM, PTOX, IFI, etc.): [redacted], SPL, TC, CAC, [redacted]

(use abbreviations per SAE J1930 MAY91)

Engine Model (Eng. Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm3 / stroke (lbs / hr)	Fuel Pump & Injector P/N	ECM/PCM P/N	Part.Trap/ Catalyst P/N
VE D7A230 (I)	230 / 2200	123.0 (90.0)	477813 and 477885	-----	-----
VE D7A260 (II)	260 / 2200	129.0 (94.3)	477814 and 477816	-----	-----
VE D7A280 (III)	280 / 2200	142.0 (103.9)	477815 and 477816	-----	-----