State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-601

Relating to Certification of New Medium-Duty Motor Vehicle Engines

FORD MOTOR COMPANY

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 Ford Motor Company Otto-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds:

Fuel Type: Gasoline

Engine Family	Engine Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
SFM7.5B8GACA	7.5	(460)	Secondary Air Injection Heated Oxygen Sensor Exhaust Gas Recirculation Three Way Catalytic Converter Sequential Multiport Fuel Injection

Engine models and codes are listed on attachments.

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

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
1.1	14.4	5.0

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

Engine Family	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
SFM7.5B8GACA	0.2	11.5	4.2

BE IT FURTHUR RESOLVED: That, pursuant to Title 13, California Code of Regulations, Section 1960.1(h)(1)(3), the listed engine models are certified to the exhaust emission standards applicable to 1994 model-year heavy-duty Otto-cycle engines (Title 13, California Code of Regulations, Section 1956.8).

BE IT FURTHUR RESOLVED: That the listed engine models comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Years..." (Title 13, California Code of Regulations, Section 1968).

BE IT FURTHUR RESOLVED: That the listed engine models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements - 1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" pursant 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 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 13th day of June, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-10-601

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
INCOMPLETE MEDIUM-DUTY VEHICLE ENGINES CERTIFIED
USING HEAVY-DUTY OTTO ENGINE TEST PROCEDURES

Manufacturer Ford Motor Company Engine Family SFM7.5B8GACA (S7.5A)

Displacement: 7.5 Liters 460 Cubic Inches

Maximum Rated Power: 245 HP @ 4000 RPM Engine Configuration: V-8

Cert Std: Tier-0 X Tier-1 __ LEV __ ULEV __ Engine Intended Service Class: M4 X M5 __

Fuel Type(s): Dedicated X Flex-Fuel __ Dual-Fuel __ Gasoline X M100 __

CNG __ LNG __ LPG __ Other (specify) ____

Exhaust ECS (e.g., MFI,TC,CAC, etc.) AIR/EGR/HO2S/ SFI, TWC
(Use abbreviations per SAE J1930 SEP91)

Engine Model (Engine Code)	Rated HP @ RPM	Ign. System or PCM Part No. -12A650-	Fuel System Injtr Part No. -9F593-	EGR Valve Part No. -9F483-	Catalyst Part No. -5E212-
4-97A-R00	245 @ 4000	F5TA-AKA	F1TE-DA	F3TE-GA	F4TA-BD
5-98A-R00	245 @ 4000	F5TF-ALA alt: F4TF-CLA	•	•	•
5-98D-R00	245 @ 4000	F5TF-BLA alt: F4TF-ZA	•	•	•
5-98E-R00	245 @ 4000	F5TF-AKA alt: F4TF-YA	•	•	•
4-98F-R00	245 @ 4000	F4TF-ANA	•	•	•

Comments: See 20.17.02.00-1 for abbreviations and 20.17.02.00-4 for evaporative emission family identification.