State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-673

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-45-9;

IT IS ORDERED AND RESOLVED: That the following 1996 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
TFM7.5W8G1CK	7.5	(460)	Secondary Air Injection Dual Heated Oxygen Sensors 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:

Non-Methane Hydrocarbons + Nitrogen Oxides	Carbon Monoxide
3.9	14.4

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

Engine Family	Non-Methane Hydrocarbons + Nitrogen Oxides	Carbon Monoxide
TFM7.5W8G1CK	2.8	8.4

BE IT FURTHER RESOLVED: That the listed engine models are certified to the optional standards and test procedures applicable to incomplete and diesel medium-duty vehicles of 8,501 to 14,000 pounds GVWR pursuant to Title 13, California Code of Regulations, Section 1956.8(g).

BE IT FURTHER RESOLVED: That the listed engine models shall be subject to the in-use compliance provisions applicable to 1995 and subsequent model-year medium-duty vehicle engines set forth in Title 13, California Code of Regulations, Section 2139(c).

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

BE IT FURTHER RESOLVED: That the listed engine models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 25th day of July 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-10-673

1996 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 TFM7.5W8G1CK (T7.5B)

Displacement: 7.5 Liters 460 Cubic Inches

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

Cert Std: Tier-0__ Tier-1 X LEV__ ULEV__ Engine Intended Service Class: M4 X M5__

Fuel Type(s): Dedicated X Flex-Fuel__ Dual-Fuel__ Gasoline__ M100__

CNG__ LNG__ LPG__ Other (specify)_____

Exhaust ECS (e.g., MFI,TC,CAC, etc.) AIR/EGR/HO2S/SFI/TWC(REDOX) /2HO2S
(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-
6-97P-R00	245 @ 4000	F6TF-AFA	F1TE-DA	F6TE-CA	F6TA-BB (E-Series) F6TA-HC (F-Series)
6-98P-R00	245 @ 4000	F6TF-ALA	"	"	"
6-98R-R00	245 @ 4000	F6UF-SA	"	"	"
6-98T-R00	245 @ 4000	F6TF-ANA	"	"	"

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

Engine Family: T7.5B

Issue Date: MAY 27 1995
Revised: