State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-864

Relating to Certification of New Heavy-Duty Motor Vehicles

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 1999 model-year Ford Motor Company motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) greater than 14,000 pounds are certified using Otto-cycle engines listed below:

Engine Manufacturer	Engine Family	Engine Displacement Liters(Cubic Inches)	Engine Model Year and Certification Executive Order No	
Ford	XFMXH06.8CF5	6.8 (417)	1999	A-10-863

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
1.9	37.1	4.0

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

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
0.2	4.3	0.4

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 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 vehicle models comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2235).

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 February 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division

1999 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: Ford Motor Company Executive Order: A-10-864

Evaporative Emission Families: XFMXE0310BAJ Evap Calibration: R00 , Engine Family: XFMXH06.8CF

1999 LIGHT DUTY TRUCK (14,001# GVW +)
FUEL TANK AVAILABILITY

MODEL TYPE	LOCATION/VOLUME CODE MID-SHIP	AFT-OF-AXLE	INCR SIZE
Narrow Frame Chassis Cabs (4X2 & 4X4)			
F-450 140.8" Reg Cab	SZ 3/	SY *	
F-450 154.8" Reg Cab	SZ 3/	SY *	
F-450 200.8" Reg Cab	SZ 3/	SY *	
F-450 176.2" Crew Cab	SZ 3/	SY *	
F-550 140.8" Reg Cab	SZ 3/	SY *	
F-550 154.8" Reg Cab	SZ 3/	SY *	
F-550 176.2" Crew Cab	SZ 3/	SY *	
F-550 200.8" Reg Cab	SZ 3/	SY *	
F-Super Duty Class A Motor Home Stripped Chassis 178", 190", 208" and 228"		SM*	

Tank Material: Steel
Liner Configuration: None (All)
Vapor Control Baffles: None (All)

* Standard Tank (s)
1/ Optional Aft-of-Axle Tank
2/ Combination of CE and CA Tanks
3/ Optional Mid-Ship Fuel Tank In-Lieu-Of Standard Tank (DRW Only)

FUEL TANK VOLUME CODE	NOMINAL FUEL TANK CAPACITY (LITERS/GALLONS) 9.02.02.02	USEABLE 40% FILL (GALLONS) 9.02.02.03	VAPOR VOLUME CUBIC FT @ 40% FILL 9.02.02.04
SM	283/.9/75.0	30.0	9.2
SY	136.3/36.0	14.4	4.4
SZ	69.7/18.4	7.4	2.1

Vehicle Models	Fuel Tanks - gallons Single Tank	Dual Tank
E-Series	37.0	Not Available
E-Series	55.0	Not Available

Engine Family: XFMXH06.8CF5

Issued: JAN 28,1999
Revised: **FEB 9, 1999**