#### State of California AIR RESOURCES BOARD

#### EXECUTIVE ORDER A-10-806

# 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 <u>Manufacturer</u>	<u>Engine Family</u>	Fngine Displacement		Engine Model Year and Certification <u>Executive Order No</u>	
Ford	XFMXH06.8CB5	6.8	(417)	1999	A-10-805

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	Carbon	Nitrogen	
<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	
1.9	37.1	4.0	

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

<u>Engine Family</u>	Total	Carbon	Nitrogen	
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	
XFMXH06.8CB5	0.1	1.9	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. FORD MOTOR COMPANY

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  $3^{3}$  day of December 1997.

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R. B. Summerfield, Chief V Mebile Source Operations Division

1999 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: Ford Motor Company

Executive Order: A-10-806

Evaporative Emission Families: XFMXE0310BAJ & XFMXE0155BAH Evap Calibration: R00

#### 1999 LIGHT DUTY TRUCK (14.001# GVW +) FUEL TANK AVAILABILITY

-	LOCATION/VOLUME CODE			
	MID-	AFT-OF-	INCR	
MODEL TYPE			<u>FIZE</u>	
Narrow Frame Chessis Cabe (4X	(2 8 434)			
F-450 140.8" Reg Cab	SZ 3/	5Y *		
F-450 154.8" Reg Cab	5Z 3/	5Y *		
F-450 200.8" Red Cab	SZ 3/	5Y *		
F-450 176.2" Crew Cab	SZ 3/	5Y *		
F-660 140.8" Reo Cab	5Z 3/	SY *		
F-550 154.8" Reg Cab	8Z 3/	5Y *		
F-650 176.2" Crew Cab	8Z S/	SY *		
F-550 200.8" Reg Cab	SZ 3/	SY *		
F-Super Duty Class A Motor Hon	ne Stripped Ch	anala		
178", 190", 208" end 228"		SM*		
Tank Material:	Steel			
Liner Configuration:	None (All)			
Vepor Control Seffice:	None (All)			

\* Standard Tank (s)

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1/ Optional Aft-ol-Axle Tank

2/ Combination of CE and CA Tanks

3/ Optional Mid-Ship Fuel Tank In-Llau-Of Standard Tank (DRW Only)

## 1999 LIGHT DUTY TRUCK (14.001 GVW +) FUEL TANK AVAILABILITY

FUEL TANK <u>YOLUME CODE</u>	NOMINAL FUEL TANK CAPACITY (LITERS/GALLONS) <u>9.02.02.02</u>	USEABLE 40% FILL (GALLONS) 9.02.02.03	VAPOR VOLUME CUBIC FT @ 40% FILL <u>9.02.02.04</u>
SM	283/.9/75.0	30.0	9.2
SY	138.3/36.0	14.4	4.4
SZ	89.7/18.4	7.4	2.1

#### Engine Family: XH6.8CB5

17.02-2

issue Date: 11/07/97 Revised: 12/18/97