State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-10-81
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1997 model-year federally certified exhaust emission control systems are certified for sale in California as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VFM4.6VJGFFL Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three-Way Catalytic Converters
Three Way Catalytic Converter
Dual Heated Oxygen Sensors (two)
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.17	1.0	0.2	2.3
100,000	0.20	1.6	0.2	n/a

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emission credits for its estimated California sales of federally certified 1997 model vehicles using the "Guidelines for Certification of 1983 and Subsequent Model-Year Federally Certified Light-Duty Motor Vehicles for Sale in California" (Title 13, California Code of Regulations, Section 1960.5).

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle 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 for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves 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.).

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 attachment.

Executed at El Monte, California this 26th day of July 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# P-10-81

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: FORD MOTOR COMPANY Eng. Family: VFM4.6VJGFFL

Pass Car: X (PC) Light-Duty Truck: __ (T1/T2) Med-Duty Vehicle: __
(M1/M2/M3/M4/M5)

Standards Type: T-1 (Tier 0/1, AB965, TLEV,LEV,ULEV) Vehicle Type: (FFV,HEV(type N/A

Service Accum: Mod AMA

Fuel Type: Gasoline (Indolene) Evaporative Family: VFM1120AYMAD Evap. Std: 50k

Engine Config: V-8 Liter (CID): 4.6L (280)

Valves per Cylinder 4

Engine: Front X Mid. __ Rear __ Drive: FWD RWD X 4WD-FT __ 4WD-PT __

Exhaust ECS & Special Features:(incl. CARB, MFI) 2TWC/TWC/2HO2S(2)/EGR, SFI
(Use abbreviations per SAE J1930 May91)

Engine Code (Cert Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
738LR06A	MARK VIII	A	4000	7.9	F7LF-DB	F7LE-AA	F6LC-AB F6LE-BE
738KR06A	MARK VIII	A	4000	7.9	F7LF-BB	F7LE-AA F7SE-AA	F6LC-CC F6LE-BE

Certification Standards:

	(50K)	(100K)
HC	0.41	N/A
NMHC:	0.25	0.31
CO:	3.4	4.2
NOX:	0.4	0.6
EVAP:	2.0	

E.O.# P-10-81

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: FORD MOTOR COMPANY Eng. Family: VFM4.6VJGFFL

Pass Car: X (PC) Light-Duty Truck: __ (T1/T2) Med-Duty Vehicle: __ (M1/M2/M3/M4/M5)

Standards Type: T-1 (Tier 0/1, AB965, TLEV,LEV,ULEV) Vehicle Type: (FFV,HEV(type A/B/C)_

Fuel Type: Gasoline (Indeno) Evaporative Family: VFM1120AYMAD

Engine Config: V-8 Liter (CID): 4.6L (280)

Engine: Front X Mid. __ Rear __ Drive: FWD . RWD X 4WD-FT __ 4WD-PT_

Exhaust ECS & Special Features:(incl. CARB, MFI) 2TWC/TWC/2HO2S(2)/EGR, SFI
(Use abbreviations per SAE J1930 May91)

Engine Code (Cert Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW	DPA (ECM/PCM)	Ignition Part No.	EGR System Part No.	Catalyst Part No.
738LR06A	MARK VIII	A	4000	7.9	F7LF-DB	F7LE-AA	F6LC-AB F6LE-BE
738KR06A	MARK VIII	A	4000	7.9	F7LF-BB	F7LE-AA F7SE-AA	F6LC-CC F6LE-BE
738LR07A	MARK VIII	A	4000	7.9	F7LF-DD	F7LE-AA	F6LC-AB F6LE-BE
738KR07A	MARK VIII	A	4000	7.9	F7LF-BD	F7LE-AA F7SE-AA	F6LC-CC F6LE-BE
738LR10A	MARK VIII	A	4000	7.9	F7LF-DE	F7LE-AA	F6LC-AB F6LE-BE
738KR10A	MARK VIII	A	4000	7.9	F7LF-BE	F7LE-AA F7SE-AA	F6LC-CC F6LE-BE
738LR11A	MARK VIII	A	4000	7.9	F7LF-DF	F7LE-AA	F6LC-AB F6LE-BE
738KR11A	MARK VIII	A	4000	7.9	F7LF-BF	F7LE-AA F7SE-AA	F6LC-CC F6LE-BE
738LR12A	MARK VIII	A	4000	7.9	F7LF-DG	F7LE-AA	F6LC-AB F6LE-BE
738KR12A	MARK VIII	A	4000	7.9	F7LF-BG	F7LE-AA F7SE-AA	F6LC-CC F6LE-BE