State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-823
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 1999 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: XFMXV04.6VDN Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters (two)
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 TLEV certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.98 RAF for 1999 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.065	0.7	0.1	0.001	2.1
100,000	0.073	0.9	0.1	0.001	n/a

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 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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated 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 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 and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle 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 the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated 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 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 2nd day of September 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

SECTION 20.09.17.02 -- Supplemental Data Sheet

E.O.# A-10-823

1999 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: FORD MOTOR COMPANY Exh. Eng. Fam.: XFMXV04.6VDN Evap. Fam.: XFMXR0105BAE

Engine Code Types: CA XXX 49S ___ 50S ___ ORVR: Yes XXX No ___

Exhaust Std: CA Tier-1 ___ TLEV XXX LEV ___ ULEV ___ ZEV ___ U.S. EPA TIER-1 ___

Vehicle Class(es): PC X LDT1 ___ LDT2 ___ MDV1 ___ MDV2 ___ MDV3 ___ MDV4 ___ MDV5 ___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A,LDT1,MDV1,MDV2,MDV3,MDV4)

Exhaust Emiss. Test Fuel: CBG (CAL PHASE II) Fuel Type: Dedicated Gasoline

Evaporative Emission Test Procedure: California ___ Federal XXX

Service Accumulation: Std AMA ___ Mod AMA ___ Mfr ADP X Other ___

NMOG Test Procedure: N/A ___ Std XXX Equiv ___ R/L Test Procedure SHED ___ Pt.Source XXX

Engine Configuration: V-8 Displacement: 4.6L (280 in³)

Valves/Cyl: 2 Rated HP: 215 @ 4400 RPM

Engine: Front XXX Mid ___ Rear ___ Drive: Fwd ___ RWD XXX 4WD-FT ___ 4WD-PT ___

Exhaust Control System and Special Features 2TWC(2), 2HO2S(2), EGR, SFI
(Use abbreviations per SAE J1930 SEP9:)

EngineCode (California)	Vehicle Models	Trans. A-Auto M-Man	ETW	DPA	Ignition Part No (PCM)	EGR System Part No	Catalytic Converter Part No
9VXABAAA	MUSTANG GT CONVERTABLE	A 4	3875	9.7	XR3F-ABA	F75E-DA	XR33-PD
9VXABAAA	MUSTANG GT SEDAN	A	3625(2)	9.7	XR3F-ABA	F75E-DA	XR33-PD
9VXMBAAA	MUSTANG GT CONVERTABLE	M 5	3750	9.5	XR3F-ACA	F75E-DA	XR33-PD
9VXABAAA	MUSTANG GT SEDAN	M	3625	9.5	XR3F-ACA	F75E-DA	XR33-PD

Engine Family: XFMXV04.6VDN

Issued: 07/20/98
Revised: