State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-518
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1993 model-year 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: PFM1.9V5FCC2 Displacement: 1.9 Liters (113 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter
Exhaust Gas Recirculation
Heated Oxygen Sensor
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 Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
50,000	0.125	3.4	0.4	0.015
100,000	0.156	4.2	0.6	0.018

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

Miles	Non-Methane Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
50,000	0.058	1.0	0.2	0.001
100,000	0.062	1.3	0.3	0.001

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor 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" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model year.

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 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 the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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.).

BE IT FURTHER RESOLVED: That the TLEV hydrocarbon exhaust emission standard to which the listed vehicles are certified is at least twice as stringent as otherwise applicable to gasoline vehicles of the same year and class, and the listed vehicles therefore meet the definition of "low-emission motor vehicle" set forth in Health and Safety Code Sections 39037.05 and 43800.

BE IT FURTHER RESOLVED: That the listed vehicle models shall be clearly labeled as "low-emission motor vehicles" as defined in Health and Safety Code Sections 39037.05 and 43800, and such labeling shall meet the requirements of Health and Safety Code Section 43802(a) at the time of sale.

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 April, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-518

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family PFM1.9V5FCC2

Pass Cars X Lt-Duty Trucks ___ Med-Duty Vehicles ___ Fuel Type UNLEADED

Eng. Config. I-4 Liter (CID) 1.9L (113) Evap. Family HM

Emission Control System & Special Features EGR/SFI/TWC/HO2S
(Use abbreviations per SAE J1930 June88)

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

Eng. Code/ (Cert Std.)		Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9D475-	Catalyst Part No. -5E212-
1.9L								
308TR00	N	ESCORT 3D HB	A4	2750	6.9	F2CF -- MA	F2CE--AA	F3CC--RA
	A	"	"	2750	7.6	"	"	"
	N	ESCORT 4D SDN	"	2750	6.5	"	"	"
	A	"	"	2750	7.2	"	"	"
	N	ESCORT 5D HB	"	2750	6.7	"	"	"
	A	"	"	2750*	7.4	"	"	"
	N	ESCORT 4D SW	"	2875	6.8	"	"	"
	A	"	"	2875	7.5	"	"	"
	N	TRACER 4D SDN	"	2750	6.5	"	"	"
	A	"	"	2750	7.2	"	"	"
	N	TRACER 4D SW	"	2875	6.8	"	"	"
	A	"	"	2875	7.5	"	"	"
307TR00	N	ESCORT 3D HB	M5	2625	6.5	F2CF -- JA	F2CE--AA	F3CC--RA
	A	"	"	2625*	7.4	"	"	"
	N	ESCORT 4D SDN	"	2750	6.7	"	"	"
	A	"	"	2750	7.4	"	"	"
	N	ESCORT 5D HB	"	2750	6.7	"	"	"
	A	"	"	2750	7.4	"	"	"
	N	ESCORT 4D SW	"	2750	6.7	"	"	"
	A	"	"	2750*	7.4	"	"	"
	N	TRACER 4D SDN	"	2750	6.7	"	"	"
	A	"	"	2750	7.4	"	"	"
	N	TRACER 4D SW	"	2750	7.3	"	"	"
	A	"	"	2750*	7.9	"	"	"

* Test at next higher ETW

Certification Standards
NMOG: 0.156
CO: 4.2
NOx: 0.6
EVAP: 2.0