State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-526
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 1993 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PFM4.6V5FDCX Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters (Two)
Dual Heated Oxygen Sensors
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
50,000	0.39	7.0	0.4

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.16	3.3	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2290).

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

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 29th day of June, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-526

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family PFM4.6V5FDCX

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

Eng. Type V-8 Liter (CID) 4.6 (280) Evap. Family HM

Emission Control System & Special Features EGR/TWC/2HO2S/SFI
(Use abbreviations per SAE J1930 June88)

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

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9D475-	Catalyst Part No. -5E212- -5E214-
318MR00A	Ford	A	4000	9.2	F3VF-LA	F1AE-AD	F3VC-AA F3VC-AA
	Mercury	A	4000	9.4	F3VF-LA	"	" "
318NR00A	Ford	A	4000	9.2	F3VF-MA	"	" "
	Mercury	A	4000	9.4 @	F3VF-MA	"	" "
		A	4000	10.3 #	F3VF-MA	"	" "
318QR00A	Lincoln	A	4250	9.9 @	F3VF-SA	"	" "
					F3VF-AAA	"	" "
		A	4250	9.2 #	F3VF-SA	"	" "
					F3VF-AAA	"	" "
318RR00A	Lincoln	A	4250	9.9	F3VF-PA	"	" "
					F3VF-ABA	"	" "
318SR00A	Lincoln	A	4250	9.9	F3VF-UA	"	" "
					F3VF-ACA	"	" "

Certification Standards
NMHC: 0.39
CO: 7.0
NOx: 0.4
EVAP: 2.0
@ With P215/70R15
# With P225/70R15

Idle HC/CO Standards
Idle HC 220 ppm @ 2500 rpm
100 ppm @ idle
Idle CO 1.2% @ 2500 rpm
1.0% @ idle

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318MR10A	Ford	A	4000	9.2	F3VF-LC	F1AE-AD	F3VC-AA F3VC-AA
	Mercury	A	4000	9.4	F3VF-LC	"	" "
318NR10A	Ford	A	4000	9.2	F3VF-MB	"	" "
	Mercury	A	4000	9.4 @	F3VF-MB	"	" "
		A	4000	10.3 #	F3VF-MB	"	" "
318QR10A	Lincoln	A	4250	9.9 @	F3VF-AAB	"	" "
		A	4250	9.2 #	F3VF-AAB	"	" "
318RR10A	Lincoln	A	4250	9.9	F3VF-ABB	"	" "
318SR10A	Lincoln	A	4250	9.9	F3VF-ACB	"	"

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CO: 7.0
NOx: 0.4
EVAP: 2.0
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Pass Cars X Lt-Duty Trucks___ Med-Duty Vehicles___ Fuel Type UNLEADED

Eng. Type V-8 Liter (CID) 4.6 (280) Evap. Family HM

Emission Control System & Special Features 2TWC(2)/2HO2S/EGR/SFI
(Use abbreviations per SAE J1930 June88)

Engine: Front X Mid.___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT___

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	Mercury	A	4000	9.4	F3VF-LA	"	" "
318NR00A	Ford	A	4000	9.2	F3VF-MA	"	" "
	Mercury	A	4000	9.4 @	F3VF-MA	"	" "
		A	4000	10.3 #	F3VF-MA	"	" "
318QR00A	Lincoln	A	4250	8.6 @	F3VF-SA	"	" "
					F3VF-AAA	"	" "
		A	4250	9.2 #	F3VF-SA	"	" "
					F3VF-AAA	"	" "
318RR00A	Lincoln	A	4250	8.6	F3VF-PA	"	" "
					F3VF-ABA	"	" "
318SR00A	Lincoln	A	4250	8.6	F3VF-UA	"	" "
					F3VF-ACA	"	" "

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