State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-576
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 1994 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: RFM4.6V8G1EK Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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	0.25	3.4	0.4
100,000	0.31	4.2	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.12	1.7	0.4
100,000	0.15	2.4	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 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 on January 14, 1993, the Air Resources Board approved the repeal of the currently-effective requirement that each manufacturer certify a minimum of 80 percent of its projected sales of 1994 model-year California-certified passenger cars and light-duty trucks to the phase-in standards for non-methane hydrocarbons (NMHC), or the more stringent standards in section 1960.1(g)(2) of Title 13, California Code of Regulations. If the repeal of such requirement does not become effective by December 31, 1993, the manufacturer shall submit a plan for compliance with the requirement; passenger cars and light-duty trucks not meeting such phase-in or more stringent standards shall be certified only to the extent allowed under the requirement.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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 2235).

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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.0) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines"), provided production of these vehicle models commences prior to April 1, 1994.

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 8th day of September, 1993.

Norman Rafuse

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-576

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family RFM4.6V8G1EK

Pass Cars XXX Lt-Duty Trucks ___ Med-Duty Vehicles ___ Fuel Type GASOLINE

Eng. Type V8 Liter (CID) 4.6L (280) Evap. Family RFM1045AYP0A

Emission Control System & Special Features TWC, 2 TWC, 2HO2S(2), EGR, SFI, OBD 2
(Use abbreviations per SAE J1930 June 88)

Engine: Front XXX Mid. ___ Rear ___ Drive: FWD ___ RWD XXX 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. (5F250)
418PR05A	THUNDERBIRD	A	4000	9.0	F4WF - CC	F1AE-AD	F4SC-HF F4SC-HD
418PR05A	COUGAR	A	4000	9.4	F4WF - CC	F1AE-AD	F4SC-HF F4SC-HD

Certification Standards

	(50K)	(100K)
NMHC:	0.25	0.31
CO:	3.4	4.2
NOx:	0.4	N/A
EVAP:	2.0	N/A

Idle HC/CO Standards

HC 200 ppm @ 2500 rpm
100 ppm @ idle
CO 1.2% @ 2500 rpm
1.0% @ idle

Engine Family: R4.6G1EK
Issue Date: 8-16-93
Revised:

E.O.# A-10-576

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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. (5F250)
418PR05A	THUNDERBIRD	A	4000	9.0	F4WF - CC	F1AE-AD	F4SC-HF F4SC-HD
418PR05A	COUGAR	A	4000	9.4	F4WF - CC	F1AE-AD	F4SC-HF F4SC-HD F4SC-HA F4SC-HB F4SC-HC F4SC-HG F4SC-HH F4SC-HJ

Certification Standards

	(50K)	(100K)
NMHC:	0.25	0.31
CO:	3.4	4.2
NOx:	0.4	N/A
EVAP:	2.0	N/A

Idle HC/CO Standards

HC 200 ppm @ 2500 rpm
100 ppm @ idle
CO 1.2% @ 2500 rpm
1.0% @ idle

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418PR05A	THUNDERBIRD	A	4000	9.0	F4WF - CC	F1AE-AD	F4SC-HF F4SC-HD F4SC-HJ F4SC-HH F4SC-HG F4SC-HC F4SC-HB F4SC-HA
418PR05A	COUGAR	A	4000	9.4	"	"	"
418PR10A *	THUNDERBIRD	A	4000	9.0	F4WF - CE	"	"
418PR10A *	COUGAR	A	4000	9.4	"	"	"

* Added per R/C 007

Certification Standards

	(50K)	(100K)
NMHC:	0.25	0.31
CO:	3.4	4.2
NOx:	0.4	N/A
EVAP:	2.0	N/A

Idle HC/CO Standards

HC 200 ppm @ 2500 rpm
100 ppm @ idle
CO 1.2% @ 2500 rpm
1.0% @ idle

Engine Family: R4.6G1EK
Issue Date: 8-16-93
Revised: 5-10-94