State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-447
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 1990 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LFM2.3V5FWC9 Displacement: 2.3 Liters (141 Cu. Inches)
Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Heated Oxygen Sensor
Three-Way Catalyst
Multipoint Electronic Fuel Injection
Pulsed Secondary Air
On-Board Diagnostic System (Exempted)

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

The following are the exhaust emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.39	7.0	0.4

The following are the certification exhaust emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.22	4.9	0.4

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 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 vehicle models listed have been granted an exemption from compliance with the requirements of 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 (California Health and Safety Code Section 43205).

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 16 day of February, 1990.

K. D. Drachand, Chief
Mobile Source Division

E.O.# A-10-447

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family LFM2.3V5FWC9

Pass Cars X Lt-Duty Trucks___ Med-Duty Vehicles___ Gas X Diesel___

Eng. Type I-4 Liter (CID) 2.3L Evap. Family 9HME

Emission Control Sys. (Use SAE Abbrv.) MPI/TWC/HO2S/EGR/PAIR/OBD(exempt)

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 or DPA	Ign. Sys. (ECU/PROM) Part No. -12A650-	EGR Syst. Part No -9D475-	Catalyst Part No. -5E212-
2.3H 026TR11A	TEMPO 2DR SDN	A	3000	7.3	F0TF-ABC	E6AE -BA	F03C-LA
	TEMPO 4DR SDN	A	3000	"	"	"	"
	TOPAZ 2DR SDN	A	3000	"	"	"	"
	TOPAZ 4DR SDN	A	3000	"	"	"	"
	TEMPO 2DR SDN	AW	3125	9.0	"	"	F03C-KA
	TEMPO 4DR SDN	AW	3125	9.0	"	"	"
	TOPAZ 2DR SDN	AW	3125	"	"	"	"
	TOPAZ 4DR SDN	AW	3125	"	"	"	"
026TR11N	TEMPO 2DR SDN	A	2875	6.6	"	"	F03C-LA
	TEMPO 4DR SDN	A	3000	"	"	"	"
	TOPAZ 2DR SDN	A	2875*	"	"	"	"
	TOPAZ 4DR SDN	A	3000	"	"	"	"
	TEMPO 2DR SDN	AW	3125	9.0	"	"	F03C-KA
	TEMPO 4DR SDN	AW	3125	"	"	"	"
	TOPAZ 2DR SDN	AW	3125	"	"	"	"
	TOPAZ 4DR SDN	AW	3125	"	"	"	"
025PR10A	TEMPO 2DR SDN	M	2875	7.3	"	"	F03C-LA
	TEMPO 4DR SDN	M	3000	"	"	"	"
	TOPAZ 2DR SDN	M	2875	"	"	"	"
	TOPAZ 4DR SDN	M	3000	"	"	"	"
025PR10N	TEMPO 2DR SDN	M	2875	6.6	"	"	"
	TEMPO 4DR SDN	M	2875*	"	"	"	"
	TOPAZ 2DR SDN	M	2875	"	"	"	"
	TOPAZ 4DR SDN	M	3000	"	"	"	"

Certification Standards
NMHC: 0.39
CO: 7.0
NOx: 0.4
EVAP: 2.0

* CERTIFIED AT NEXT HIGHER ETW

ENGINE FAMILY: L2.3VWC
ISSUED: 1-18-90
REVISED:

E.O.# A-10-447

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family LFM2.3V5FWC9

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2.3P							
026RR10A	TEMPO 2DR SDN	A	3000	7.3	F0TF-XB	E6AE -BA	F03C-LA
	TEMPO 4DR SDN	A	3000	"	"	"	"
	TOPAZ 2DR SDN	A	3000	"	"	"	"
	TOPAZ 4DR SDN	A	3000	"	"	"	"
026RR10N	TEMPO 2DR SDN	A	2875	6.6	"	"	F03C-LA
	TEMPO 4DR SDN	A	3000	"	"	"	"
	TOPAZ 2DR SDN	A	2875*	"	"	"	"
	TOPAZ 4DR SDN	A	3000	"	"	"	"
025QR10A	TEMPO 2DR SDN	M	2875	7.3	F0TF-VB	"	F03C-LA
	TEMPO 4DR SDN	M	3000	"	"	"	"
	TOPAZ 2DR SDN	M	2875*	"	"	"	"
	TOPAZ 4DR SDN	M	3000	"	"	"	"
025QR10N	TEMPO 2DR SDN	M	2875	6.6	"	"	"
	TEMPO 4DR SDN	M	2875	"	"	"	"
	TOPAZ 2DR SDN	M	2875	"	"	"	"
	TOPAZ 4DR SDN	M	2875*	"	"	"	"

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CO: 7.0
NOx: 0.4
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