#### State of California AIR RESOURCES BOARD

# Executive Order P-10-8 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 specifically Section 43102; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Section 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1984 model-year Ford Motor Company federally-certified emission control systems as described below are certified for sale in California for the passenger car models listed on the attachments:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
EFM2.3V1HFKO	140	(2.3)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

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

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles:"

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.41	3.4	1.0

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
n. 32	1.0	0.8

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, Californa Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

BE IT FURTHER RESOLVED: That an interim procedure for certifying unavailable federal vehicles is necessary since the Air Resources Board ("The Board") has not yet adopted regulations and procedures for offsetting the emissions of federally-certified vehicles sold in California for the 1984 model-year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally-certified 1984 model-year vehicles using in the interim the "Guidelines for Certification of 1983 Through 1987 Model-Year Federally Certified Light-Duty Motor Vehicles For Sale in California" (Title 13, California Administrative Code, Section 1960.5).

BE IT FURTHER RESOLVED: That vehicles have met the conditions of Section 43702 of the Health and Safety Code by using the "Guidelines for...1983 Through 1987 Model Year...Vehicles...."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this  $\mathcal{L}$ 

\_\_\_ day of September, 1983.

K. D. Drachand, Chief

Mobile Source Control Division

Ford	Executive Order No. $P-10-8$
EFM2.3V1HFKO	Evaporative Family 4AM
	Engine CID (Liters) 140 (2.3)
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## Ignition System

CA-Centrifugal Advance EEC-Electronic Engine Control EI-Electronic Ignition ESAC-Electronic Spark Advance Control VA-Vacuum Advance YR-Vacuum Retard

Fuel System CFI, CL, DID, DIP, EFI, MFI nV-nVenturi Carburetor YY-Variable Venturi

# Exhaust Emissions Control System

AIP-Air Injection-Pump AIV-Air Injection-Valve CL-Closed Loop EGR-Exhaust Gas Recirculation EM-Engine Modification OC-Oxidation Catalyst System TR-Thermal Reactor TWC-Three-Way Catalyst System

## Special Feature

CCV-Combustion Chamber Va CFI-Central Fuc Injection DID-Diesel Injection-Direct DIP-Diesel Injection-Prechamber EFI-Electronic Fue 1 Injection MFI-Mechanical Fuel Injection TC-Turbochargec

#### **VEHICLE MODELS:**

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)
Ford Tempo	2-Door 4-Door	. 66D Tempo L 54D Tempo L
Mercury Topaz	2-Door 4-Door	66D Topaz L 54D Topaz L

U	DRIVE	SYSTEM:	Front	Engine/_	Front	Wheel Drive
Engine	Family	E2.3VFK				

Issue	Date	8-4-83	<u>]</u>	 
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<u>x</u> ;	assenger Cars lanufacturer _	Lf Ford Mo	ght-Duty	/ Trucks	Medium-D	uty Vehicles	X Gas	Diesel		
	ingine Family	EFM2.	3V1HFKO	SV1HFKO Engine 4-25E-R01N						
	CS (Special Fo			IP/TWC/E	EC/CL	CID (Liter)- Type	140 (2.3) I-4			
Engin Code		ed see	Trans.	Equiv. Test Weight	Ign. System EEC-IV	Fuel System	EGR Valve	Label Ident.		
	(Non-A/C D	yno Hp)			Part No.	Part No.	Part No.	Part N		
-25E-R01N	FTPZ-66D FTPZ-54D MTPZ-66D FTPZ-54D	(e.3)	M4	2750	E43F-12A650- TA	E43E-9510-VA	E43E-9F483- CA	E4AE-9C 485-APU		
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Comments: See page one for abbreviations and evaporative emission family identification.

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