State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-592
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 1995 model-year exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Fuel Flexible (M85 Methanol, Gasoline)

Engine Family: SFM3.0V8F2EA Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters
Exhaust Gas Recirculation
Dual Heated Oxygen Sensors
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: (The standards in parentheses are for gasoline.)

Miles	Non-Methane Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
50,000	0.125 (0.25)	3.4 (3.4)	0.4 (0.4)	0.015 (0.015)
100,000	0.156 (0.31)	4.2 (4.2)	0.6 (0.6)	0.018 (0.018)

Reactivity Adjustment Factor for NMOG Mass Emission (M85 Methanol Fuel): 0.41

The certification exhaust emission values set forth for non-methane organic gases (NMOG) reflect application of the above-mentioned RAF. The TLEV certification exhaust emission values for this engine family in grams per mile are: (The values in parenthesis are for gasoline.)

Miles	Non-Methane Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
50,000	0.091 (0.12)	1.4 (1.4)	0.1 (0.1)	0.012 (0.001)
100,000	0.110 (0.14)	1.8 (1.7)	0.1 (0.1)	0.015 (0.002)

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 non-methane organic gas (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 the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "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 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 listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(5.0) for the aforementioned model year.

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."

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 15th day of March, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.#A-10-592

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Engine Family SFM3.0V8F2EA

Passenger Car X (PC) Light-Duty Truck ___ (T1/T2) Medium-Duty Vehicle ___ (M1-M5)

Stds Type: TLEV (Tier 0/1, AB965, TLEV, LEV, ULEV) Veh Type: FFV (FFV, HEV)

Fuel Type: M85-M0 FLEX FUEL Evap Family * Engine Conf V-6 Liter (CID) 3.0L (181.2)
*SFM1240AYPOB

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

Exhaust ECS & Special Features (including Carb, MFI, etc.) 2TWC/EGR/HO2S/SFI
(Use abbreviations per SAE J1930, May 91)

Engine Code (Cert Std)	Vehicle Models (If Coded see attachment)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	DPA	Ign. System (ECM/PCM) Part No. (12A650)	EGR System Part No. (9D475)	Catalyst Part No. (5F250)
4-10G-R00A	TAURUS SEDAN (FFV)	A	3500	6.8	F4DF - JA	F3DE - AA	F4DC-FA

ENGINE FAMILY: SFM3.0V8F2EA
ISSUED: 2/24/94
REVISED:

20.09.17.02-1

E.O.# A-10-592

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Stds Type: TLEV (Tier 0/1, AB965, TLEV, LEV, ULEV) Veh Type: FFV (FFV, HEV)

Fuel Type: FLEX FUEL Evap Family * Engine Conf V-6 Liter (CID) 3.0L (181.2)
*SFM1240AYPOB

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

Exhaust ECS & Special Features (including Carb, MFI, etc.) 2 TWC/EGR/Dual HO2S/SFI
(Use abbreviations per SAE J1930, May 91)

Engine Code (Cert Std)	Vehicle Models (If Coded see attachment)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	DPA	Ign. System (ECM/PCM) Part No. (12A650)	EGR System Part No. (9D475)	Catalyst Part No. (5F250)
4-10G-R00A	TAURUS SEDAN	A	3500	6.8	F4DF - JA	F3DE - AA	F4DC-FA
5-10G-R05A	TAURUS SEDAN	A	3500	6.8	F4DF - JB	F3DE - AA F37E - CA	F4DC-FA