State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-593 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 1995 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

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

Fuel Type: Gasoline

1.

Engine Family: SFM1.9V8G2EA <u>Displacement</u>: 1.9 Liters (113 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation Three Way Catalytic Converter

Heated Oxygen Sensor

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:

gramo por m		Carbon	Nitrogen	- 1.1.h.udo
	Non-Methane Organic Gas	Monoxide	<u>Oxides</u>	<u>Formaldehyde</u>
<u>Miles</u>	organic aus	·	0.4	0.015
50,000	0.125 0.156	3.4 4.2	0.4 0.6	0.018
100,000	0.150			

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

****	Non-Methane Organic <u>Gas</u>	Carbon Mon <u>oxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>
<u>Miles</u> 50,000	0.068	1.3	0.2 0.3	0.001 0.001
100,000	0.071	1.0		

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 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 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)(2.0) 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."

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 18 day of April, 1994.

B. Summerfield

Assistant Division Chief Mobile Source Division

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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1995 AIR RESOURCES BOARD SUPPLEMENTAL STATE OF LAND
Eng. Family Street Trablane
Manufacturer FORD MOTOR COMPANY Eng. Family Fuel TypeUNLEADED (Indolene) Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Fuel TypeUNLEADED (Indolene)
Med-Duty Ventez-
Pass Cars X Lt-Duty 11don-
$t \leftrightarrow c r (UU) = \frac{1}{1 + c^2}$
Pass Cars X Lt-Duty Trucks Med-Duty Venture Eng. Config. I-4 Liter (CID) 1.9L (113) Evap. Family SFM1045AYPOA Emission Control System & Special Features EGR/SFI/TWC/HO2S (Use abbreviations per SAE J1930 June88)
Emission Control System & Special Features EGR/SIZE June 1988) (Use abbreviations per SAE J1930 June 1988)
Emission Control (Mos abbreviations per SAE 577
(USE 2277 AWD-FT 4WD-FT 4WD-FT
(Use abbreviations per State (Use abbreviatio
Freine: Front X Mid Real
Engine: Front A Catalyst
nrup Ign, Sys. Part No.

ing. Code/ (Cert	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9D475-	Catalyst Part No.
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NOx: HCHO: EVAP:	0.4/0.6 0.015/0.018 2.0						_,

ENGINE FAMILY: SFM1.9V8G2EA ISSUED: 4-7-94 REVISED:

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family SFM1.9V8G2EA
Tuel TypeUNLEADED
Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Fuel TypeUNLEADED
(113) Fyan Family SFM1045AYPOA
Eng. Config. 1-4 Liter (CID) 1.9L (113) Evap. Family SFM1045AYPOA
Garage Fortures EGR/SFI/TWC/HO2S
Emission Control System & Special Features <u>EGR/SFI/TWC/HO2S</u> (Use abbreviations per SAE J1930 June88)
(Use abbreviations per Jill
TID Y BUD AUD-FT 4WD-PT

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	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9D475-	Catalyst Part No.
1.9L 408TR11 N A N A N A N A	ESCORT 3D HB ESCORT 4D SDN ESCORT 5D HB ESCORT 4D SW TRACER 4D SDN TRACER 4D SW	11 11 11	2750 2750 2750 2750* 2750 2875 2875 2875 2750 2750* 2875 2875	6.1 6.7 6.1 6.7 6.1 6.7 6.2 6.8 6.1 6.7 6.2	F4CF EC	F2CE AA	F3CC TA
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1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family SFM1.9V8G2EA Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Fuel TypeUNLEADED(Indexer) Eng. Config. I-4 Liter (CID) 1.9L (113) Evap. Family SFM1045AYPOA Emission Control System & Special Features EGR/SFI/TWC/HO2S (Use abbreviations per SAE J1930 June88) Engine: Front X Mid. Rear Drive: FWD X RWD 4WD-FT 4WD-PT Catalyst EGR Ign. Sys. RLHP Equiv. Trans. Veh. Models Part No. Syst. (PCME/PROM) Eng. or Test Type: (If Coded Part No Code/ Part No. DPA@ Weight A-Auto -5E212see -9D475-1 (Cert -12A650-M-Man. Attachmt.) Std.) F2CE -- AA | F3CC -- TA 1.9L F5CF -- GA 2750 6.1 ESCORT 3D HB Α 508TR10 N 6.7 2750 Α 6.1 2750 ESCORT 4D SDN N 6.7 2750* Α 6.1 2750 ESCORT 5D HB Ν 6.7 2875 6.2 2875 ESCORT 4D SW N 2875 6.8 11 6.1 2750 TRACER 4D SDN N 6.7 2750* Α 6.2 2875 TRACER 4D SW N 6.8 2875 F2CE--AA | F3CC--TA F5CF -- KA 6.1 2625* М ESCORT 3D HB 507TR10 N 6.7 2750 11 11 6.1 2750 ESCORT 4D SDN 11 N 6.7 2750 11 6.1 18 2750 ESCORT 5D HB N 6.7 2750 Α 6.2 2750 ESCORT 4D SW N 6.8 2875 2750 6.1 TRACER 4D SDN N 6.7 2750 6.2 2750* TRACER 4D SW 6.8 2875 * Test at next higher ETW @ Standard tire DPA shown Certification Standards 50K/100K 0.125/0.156 NMOG: 3.4/4.2 CO:

ENGINE FAMILY: SFM1.9VBG2EA

0.4/0.6

0.015/0.018

2.0

ISSUED: 10-10-94

REVISED:

NOx:

HCHO:

EVAP:

20.09.17.02 - 3