File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-610
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:

Fuel Type: Gasoline

Engine Family: SFM4.6V8GFEA Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters (two)
Dual Heated Oxygen Sensors
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

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

The certification exhaust emission standards (alternative in-use compliance standards in parentheses) for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.25 (0.32)	3.4 (5.2)	0.4 (n/a)
100,000	0.31 (n/a)	4.2 (n/a)	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	0.11	1.9	0.1
100,000	0.14	2.6	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 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, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance 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 the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 60 percent of the manufacturer's projected sales of 1995 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced 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 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 "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.

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 28th day of July, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-610

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family SFM4.6V8GFEA

Pass Cars X Lt-Duty Trucks___ Med-Duty Vehicles___ Fuel Type UNLEADED

Eng. Type V-8 Liter (CID) 4.6 (280) Evap. Family SFM1120AYMOB

Emission Control System & Special Features 2TWC(2)/2HO2S/EGR/SFI
(Use abbreviations per SAE J1930 June88)

Engine: Front X Mid.___ Rear___ Drive: FWD___ RWD X 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. -5E212- -5E214-
518ER00A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FA	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	10.4	"	"	-5E214- F5AC-DC
518ER00A	LINCOLN VFL4	A	5500	10.4	"	"	"
518ER00A	LINCOLN VFL3	A	5250	10.6	" "	"	"
518ER00A	LINCOLN VFL2	A	4750	10.6	"	"	"
518ER00A	LINCOLN VFC	A	4250	10.6	"	"	"

*ESTIMATED EQUIVALENT TEST WEIGHT (ETW) PER 86.129-80 AS SHOWN. PER CFR 86.129.94 (A) LDV OVER 5750 LB. LOADED VEHICLE WEIGHT SHALL BE TESTED AT 5500 LB ETW.

Certification Standards

	50K	100K
NMHC:	0.25	0.31
CO:	3.40	4.20
NOx:	0.40	
EVAP:	2.0	

Idle HC/CO Standards

Idle HC	220 ppm @ 2500 rpm
	100 ppm @ idle
Idle CO	1.2% @ 2500 rpm
	1.0% @ idle

E.O.# A-10-610

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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. -5E212- -5E214-
518ER10A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FB	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	10.4	"	"	-5E214- F5AC-DC
518ER10A	LINCOLN VFL4	A	5500	10.4	"	"	"
518ER10A	LINCOLN VFL3	A	5250	10.6	" "	"	"
518ER10A	LINCOLN VFL2	A	4750	10.6	"	"	"
518ER10A	LINCOLN VFC	A	4250	10.6	"	"	"

*ESTIMATED EQUIVALENT TEST WEIGHT (ETW) PER 86.129-80 AS SHOWN. PER CFR 86.129.94 (A) LDV OVER 5750 LB. LOADED VEHICLE WEIGHT SHALL BE TESTED AT 5500 LB ETW.

Certification Standards

	50K	100K
NMHC:	0.25	0.31
CO:	3.40	4.20
NOx:	0.40	
EVAP:	2.0	

Idle HC/CO Standards

Idle HC	220 ppm @ 2500 rpm
	100 ppm @ idle
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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. -5E212- -5E214-
518ER10A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FB	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	7.5	"	"	F5AC-DE -5E214- F5AC-DC F5AC-DD
518ER10A	LINCOLN VFL4	A	5500	7.8	"	"	"
518ER10A	LINCOLN VFL3	A	5250	8.2	" "	"	"
518ER10A	LINCOLN VFL2	A	4750	8.1	"	"	"
518ER10A	LINCOLN VFC	A	4250	8.2	"	"	"

*ESTIMATED EQUIVALENT TEST WEIGHT (ETW) PER 86.129-80 AS SHOWN. PER CFR 86.129.94 (A) LDV OVER 5750 LB. LOADED VEHICLE WEIGHT SHALL BE TESTED AT 5500 LB ETW.

Certification Standards

	50K	100K
NMHC:	0.25	0.31
CO:	3.40	4.20
NOx:	0.40	
EVAP:	2.0	

Idle HC/CO Standards

Idle HC	220 ppm @ 2500 rpm 100 ppm @ idle
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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. -5E212- -5E214-
518ER11A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FB	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	7.5	"	"	F5AC-DE
							-5E214- F5AC-DC F5AC-DD
518ER11A	LINCOLN VFL4	A	5500	7.8	"	"	"
518ER11A	LINCOLN VFL3	A	5250	8.2	" "	"	"
518ER11A	LINCOLN VFL2	A	4750	8.1	"	"	"
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	50K	100K
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CO:	3.40	4.20
NOx:	0.40	
EVAP:	2.0	

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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. -5E212- -5E214-
518ER11A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FC	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	7.5	"	"	F5AC-DE -5E214- F5AC-DC F5AC-DD
518ER11A	LINCOLN VFL4	A	5500	7.8	"	"	"
518ER11A	LINCOLN VFL3	A	5250	8.2	" "	"	"
518ER11A	LINCOLN VFL2	A	4750	8.1	"	"	"
518ER11A	LINCOLN VFC	A	4250	8.2	"	"	"

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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. -5E212- -5E214-
518ER12A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FC	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	7.5	"	"	F5AC-DE -5E214- F5AC-DC F5AC-DD
518ER12A	LINCOLN VFL4	A	5500	7.8	"	"	"
518ER12A	LINCOLN VFL3	A	5250	8.2	" "	"	"
518ER12A	LINCOLN VFL2	A	4750	8.1	"	"	"
518ER12A	LINCOLN VFC	A	4250	8.2	"	"	"

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518ER13A	LINCOLN VFL5 (Hearse)	A	6000*	16.4	F5AF-FC	F1AE-AD	-5E212- F5AC-DD
	LINCOLN VFL5 (Limo)	A	6000*	6.8	"	"	F5AC-DE
							-5E214- F5AC-DC F5AC-DD
518ER13A	LINCOLN VFL4	A	5500	7.1	"	"	"
518ER13A	LINCOLN VFL3	A	5250	7.5	" "	"	"
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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. -5E212- -5E214-
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518ER13A	LINCOLN VFL3	A	5250	8.2	" "	"	"
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518ER13A	LINCOLN VFC	A	4250	8.2	"	"	"

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