State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-719
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1997 model-year exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: VFM4.6H8G1EK Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three Way Catalytic Converters (two)
Dual Heated Oxygen Sensors (two)
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 for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	120,000	0.46	6.4	0.98	n/a

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

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.13	1.8	0.1	5.1
	120,000	0.13	2.0	0.24	n/a

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 vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent 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 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 Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 29th day of November 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-719

1997 MODEL YEAR SUPPLEMENTAL DATA SHEET
EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS
PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: VFM4.6H8G1EK (V4.6H)

Engine Code Types: CA X 49S___ 50S___ Evaporative Emissions Family: VFM1160AYMGD

Exh Std: Tier-0___ Tier-1 X TLEV___ LEV___ ULEV___ ZEV___ EPA TIER-0___ TIER-1___

Evap Std: 50K___ Useful Life with R/L X In-Use Exh Std: Full In Use X Alt In Use___

Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2 X MDV3___ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1,MDV1,MDV2,MDV3,MDV4)

Exh Cert Fuel(s): Indo X Ph2___ Diesel: 13 CCR 2282___ or 40CFR 86.113-90___ or -94___
M85___ CNG___ LPG___ Other (specify)
Fuel Type(s): Dedicated___ Flex Fuel___ Dual-Fuel___
Gasoline X Diesel___ M85___ CNG___ LPG___ Other (specify)_____
Hybrid: Type A___ B___ C___, APU Cycle (eg.., Otto, Diesel, Turbine)_____

Engine Config V-Block Displacement: 4.6L (280 m) Liters (Cubic Inches)
Valves/Cyl: 2 Rated HP: 215 @ 4500 RPM
Engine: Front X Mid___ Rear___ Drive: Fwd___ RWD X 4WD-FT___ 4WD-PT X

Exhaust Control System and Special Features 2 TWC(2)HO2S(2)EGR, SFI
(Use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
648SR00N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VA	F65F-BA	F65A-CD(LH)
							alt: -CE
648SR00A	F150 RVL 2WD	A(DU)	5500	14.7			alt: -CF
							F65A-BC(RH)
							alt: -BD
							alt: -BE
648SR05N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VB	F65F-BA	F65A-CD(LH)
							alt: -CE
648SR05A	F150 RVL 2WD	A(DU)	5500	14.7			alt: -CF
							F65A-BC(RH)
							alt: -BD
							alt: -BE
648SR06N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VC	F65F-BA	F65A-CD(LH)
							alt: -CE
648SR06A	F150 RVL 2WD	A(DU)	5500	14.7			alt: -CF
							F65A-BC(RH)
							alt: -BD
							alt: -BE

Engine Family: V4.6H

Issue Date: 10-23-95 20.09.17.02 - 1

Revised: DEC 04 1995

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
648SR07N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VD	F65F-BA	F65A-CD(LH) alt: -CE alt: -CF F65A-BC(RH) alt: -BD alt: -BE
648SR07A	F150 RVL 2WD	A(DU)	5500	14.7			
648SR08N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VE	F65F-BA	F65A-CD(LH) alt: -CE alt: -CF F65A-BC(RH) alt: -BD alt: -BE
648SR08A	F150 RVL 2WD	A(DU)	5500	14.7			
748SR05N	F150 RVL 2WD	A(DU)	5500	13.4	F75F-ANA	F65F-BA	F65A-CD(LH) alt: -CE alt: -CF F65A-BC(RH) alt: -BD alt: -BE
748SR05A	F150 RVL 2WD	A(DU)	5500	14.7			
748SR10N	F150 RVL 2WD	A(DU)	5500	13.4	F75F-ANB	F65F-BA	F65A-CD(LH) alt: -CE alt: -CF F65A-BC(RH) alt: -BD alt: -BE
748SR10A	F150 RVL 2WD	A(DU)	5500	14.7			
748SR11N	F150 RVL 2WD	A(DU)	5500	13.4	F75F-ANC	F65F-BA	F65A-CD(LH) alt: -CE alt: -CF F65A-BC(RH) alt: -BD alt: -BE
748SR11A	F150 RVL 2WD	A(DU)	5500	14.7			

Section 20.09.17.02 cont.

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748SR11A	F150 RVL 2WD	A(DU)	5500	14.7			
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648SR10A	F150 RVL 2WD	A(DU)	5500	14.7			

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648SR07N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VD	F65F-BA	F65A-CD(LH) alt: -CE
648SR07A	F150 RVL 2WD	A(DU)	5500	14.7			alt: -CF F65A-BC(RH) alt: -BD alt: -BE
648SR08N	F150 RVL 2WD	A(DU)	5500	13.4	F65F-VE	F65F-BA	F65A-CD(LH) alt: -CE
648SR08A	F150 RVL 2WD	A(DU)	5500	14.7			alt: -CF F65A-BC(RH) alt: -BD alt: -BE
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748SR11A	F150 RVL 2WD	A(DU)	5500	14.7			alt: -CF F65A-BC(RH) alt: -BD alt: -BE
648SR10N	F150 RVL 2WD	A(DU)	5500	13.4 14.6*	F65F-VF	F65E-BA	F65A-CD(LH) alt: -CE
648SR10A	F150 RVL 2WD	A(DU)	5500	14.7 16.0*			alt: -CF F65A-BC(RH) alt: -BD alt: -BE

* With the LT245/75R16 A/S Tire

Engine Family: V4.6H