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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-817 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 1999 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: XFMXV03.0VBZ Displacement: 3.0 Liters (182 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters 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:

Miles	Non-Methane Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen Oxides	Carbon <u>Monoxide (20⁰F)</u>
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

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

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	<u>Monoxide (20°F)</u>
50,000	0.11	· 0.8	0.1	2.9
100,000	0.13		0.1	n/a

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 NMOG fleet average 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 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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those

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 "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.

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

Executed at El Monte, Californía this 13 day of July 1998.

R. B. Summerfield, Chief Mobile Source Operations Division

1999 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 1 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

'anufacturer <u>FC</u>	RD MOTOR COM	PANY	Exh. Eng.	Fam.: XF	MXV03.0VBZ E	vap. Fam.: X	FMXR0115BAE
Engine Code Type	es: CA <u>XXX</u> 49S <u>X</u>)	₹	50S	AB965_	OR\	/R: Yes XXX	No.
Exhaust Std: CA	Tier-1_XXX_LEV_	LEV_	ULEV	ULE	V SULEV_		U.S. EPA TIER-1_
Vehicle Class(es):	PC_XLDT1	_ LDT2_	MDV	1 MDV:	2 MDV3	MDV4 MD	V5
Single Cert Std for	Multi-Class Eng Fa	ım: <u>N/A</u>	_ (specify	: N/A,LDT1	,MDV1,MDV2.ME)V3.MDV4)	
Fuel Type(s): Dedi CNG	cated X Flex-Fu	iel [LPG	Dual-Fuel_ M85	Bi-Fue	el Gasoline r (specify):	XXX Die	sel
Exh Emiss Test Fu	el(s): Indo (CBG_X_	_ CNG	LPG_	M85	Other(speci	fv):
-	Diesel	13 CCR 2	2282	_ 40 CFR	86.113-90	40 CFR 86.1	13-94
Evaporative Emiss	ion Test Procedure	Califo	ornia	Fed	leral XXX		
Service Accum:	Std AMA_X	Mod AM	۸	Mfr ADP	Other (spec	cifv)	
NMOG Test Proced	lure: N/A <u>XXX</u> St	d E	quiv	R/L	Test Procedure: 5	SHED F	et Source VVV
Engine Configuratio	on <u>V-6</u> Disp	acement:	_3.0L	Liters	182	Cubic I	nches
Valves/Cyl: 4					750_RPM	Odbj¢ ti	inches
Engine: Front_XXX	MidRear_					r 4000 0	-
xhaust ECS (e.g.,	MFI, EGR,TC,CAC):	2.TWC 21	1025 EGE	9 851	· 4VVD-P	ł
	, , , , , , , , , ,		(Use ab	breviations	per SAE J1930 J	UN93)	
ngineCode V	ehicle Models	Trans.			Ignition	EGR	Catalytic
California)		A-Auto M-Man	ETW	DPA	Part No (PCM)	System	Converter Part No
LDABAAA SA	BLE SEDAN	A4	3625	5.5	XF1F-MA	F5DE-EA	F7DC-HD
LDABAAA SAI	BLE S/W	Αď	3875	6.8	ji		H
LDABAAA TAU	RUS SEDAN	A4	3625	5.5	u u	, в,	
LDABAAA TAU	RUS S/W	A4	3875	6,8	14	н	11