

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MOD YEA	AR	TEST GROUP			MD	VEHICLE TYPE **passenger car; LDT***light-duty truck; V**medium-duty vehicle; LVW**loaded shicle weight; ALVW**adjusted LVW)	EXHAUST EMISSION STANDARI CATEGORY (LEV=tow emission vehicle; TLEV= transitional LEV; ULEV=uitra LEV; SULEV=super ULEV; 1) USEPA Bin 9a (Opt)			EXHAUST / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas) Flexible Fuel: Ethanol				
		5FMXT04.02K8			-	DT: 3,751 - 5,750 pounds LVW	2) Counted	as ARB LEV (ULE)	/	100K / 100K	(E85) / Gasoline (Tier 2 Unleaded)				
No.	FAN	VILY (E	VAF)	N	0.	SPECIAL FEATURES EMISSION CONTROL SYSTE	& MS (ECS)	* = not applicable	00	/TWC=oxidizing/3-way	cat. ADSTWCzadaochina Taro				
1	5FM	5FMXR0200GBV			ı	2TWC, 2H02S, H02S	S. EGR. SFI. C	AF	o≖ warm-up cat. O2S/∺ S/HAFS≖air-fuel ratio e	O2S=oxygen sensor/heated O2S ensor/heated AFS EGR=exhaust					
2		*			2				gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI						
3		*			,			TB	I= throttle body injection	n TC/SCaturbo /super charges					
4		•							\C≖charge alr cooler C Ignostic prefix 2=para	OBD (F) / (P)sfull /narrial on-board					
EVA	-					VEHICLE VE	HICLES SUB.	ECT TO SFTP	100		(2) 02				
No.		No.	SIZE (I			MAKES & MODELS STA	NDARDS AR	E UNDERLINED	<u>ABBI</u>	REVIATIONS:					
1		1 4.0				Ford Explorer 2WD/4WD FFV: Mercury Mountaineer 2WD/4WD FFV									
*		*	*				*								
*		* *													
*		 • •		-+											

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

AVE	NMOG FLEET AVERAGE [g/mi]		NMOG @ RAF= * (*) CH4 RAF = *		NMOG or	CH4=meth nitrogen	ane NMO	3=non-CH/ maidehyd	organic (as NMH(C=non-C	H4 hydroca	rbon CO=c	arbon mono	xide NOx	oxides of
CER	₹T	STD NMOG NMHC CERT CERT CERT [g/mi] [g/mi]		NMHC STD	diurnai+ho mg=millig:			nning loss 1000 miles	OUAU!	IN/RAHOL	dispensed ahrenheit	=on-poard	refueling van	Of recovery	GEORGE	
0.06	14 0			[g/mi]	CO [g/mi]		N(NOx [g/mi]		НСНО	mg/mi]	SFTP=supplemental for PM [g/mi]		Hwy NOx [g/mi]		
(A T 1 T X X X X X X X X X X X X X X X X X			0.070	[3]	0.100	CERT 1.1	STD	CER			ERT	STD	CERT	STD	CERT	STD
		@ 50K	(0.050)		(0.125)	(1.4)	3.4 (3.4)	(0.1)	0. (0.	- ,	(*)	15	*	*	0.08	0.27
		@ UL	0.083 (0.063)	•	0.130 (0.156)	1.8	4.2	0.2	0.	3	2	(15) 18	•		(0.09) 0.16	(0.27) 0.40
A Company	@ 50°	F & 4K	*	•	(0.156)	(2.2)	(4.2)	(0.2)	(0.	3)	Ċ)	(18)	•		(0.16)	(0.40)
@ 20	[g/mi])°F &)K	LE	= @ 4K (SUL V) or 50K (T = @ UL (Tier	er 1, TLEV)	NMHC+NC (compo	osite)	site) (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
	2.7		at ta feetsa		CERT	STD	CERT	STD	CERT	STD	CE	RT ST	D CER	T STD	CERT	STD
CERT	(3.3)		S	FTP @ 4K	*	****	*	*	(0.05)	(0.25)	(5.	9) (10.	5) (0.03	(0.27)	(0.8)	(3.5)
STD	12.5 (12.5)		Academic States	FTP @ UL	(0.22)	(1.05)	*	٠	*	•	(6.	6) (14.	6) •	*	(2.2)	(4.9)
@ UL			TIVE FAN		EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3					VAPORATI	VE EAMI	
_	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL			2-D	RL	ORVR
CERT	0.8	0.6	0.04	0.000	*	*	*	*	*	*	+		*	- 2-0	*	ORVR
STD	2.0	2.5	0.05	0.20		*	*	*	•	*	*	•	-		+	*

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

BE IT FURTHER RESOLVED: That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations. The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 26th day of April 2004.

Allen Lyons, Chief

Mobile Source Operations Division