

MAZDA MOTOR CORPORATION

EXECUTIVE ORDER A-016-0274 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

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		TEST GROUP		Р	VEHICLE TYPE (PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; LVW=loaded vehicle weight; ALVW=adjusted LVW)			EXHAUST EMISSION STANDARI CATEGORY (LEV=low emissio vehicle; TLEV= transitional LEV; ULEV=ultra LEV; SULEV=super ULEV				FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)			
2003 3TKXT02.0			(T02.0CJ	Α	LD	T: 0 - 3,750 pounds L\		LEV		100K / 100K	Gasoline (Indolene)				
No.		VAPORATIVE VMILY (EVAF)			No. SPECIAL FEATURES EMISSION CONTROL SYSTEM				* = not applicable	ů,	C/TWC=oxidizing/3-way	cat. ADSTWC=adsorbing TWC			
1	3TK	3TKXR0115PPB						GR, SFI, OBD	I A	WU= warm-up cat. O2S/HO2S=oxygen sensor/heated O2S AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust					
2		•			:	*					gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series				
3		*				*									
4		•			,	*									
EVAI No.		ECS ENGINE VEHICLE No. SIZE (L) MAKES & MOD		VEHICLE AKES & MODELS		VEHICLES SUBJECT TO SFTP STANDARDS ARE UNDERLINED			ABBREVIATIONS:						
1	1 2.0				Mazda: Tribute (2WD/4WD)										
*		*	*												
*	* *														
*	* *														

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.)

NM AVE	NMOG FLEET AVERAGE [g/mi]			RAF=1.00 RAF = *	NMOG or	CH4=methane NMOG=non-CH4 organic gases NMHC=non-CH4 hydrocarbons CO=carbon monoxide NOx=oxides of nitrogen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 day diurnal+hot-soak RL [g/mi]=running loss ORVR [g/gallon dispensed]=on-board refueling vapor recovery g=gram											
CER	CERT STD		NMOG	NMHC	NMHC STD	mg=milligi	ot-soak RL ram mi≕	. [g/mij≃rur mile K=1	nning loss 1000 miles	ORVR [F=d	[g/gallor egrees l	n dispensed] Fahrenheit	on-board r= SFTP=sun	efueling vap plemental fe	or recovery	g=gram rocedure	
0.05	1	0.062	CERT	CERT [g/mi]	[g/mi]	CO [g/mi]			x [g/mi]	- 1	нсно	[mg/mi]		g/mi]	Hwy NO		
12 1 A Section 10 10 10 10 10 10 10 10 10 10 10 10 10			[g/mi]			CERT	STD	CERT	STE) C	ERT	STD	CERT	STD	CERT	STD	
49-1	@ 50F		0.038	*	0.075	0.9	3.4	0.1	0.2	!	1	15	*	*	0.1	0.3	
	1 4	@ UL	0.048	*	0.090	1.1	4.2	0.1	0.3	1	18	*	*	0.1	0.4		
1	@ 5	0°F & 4K	*	*	*	*	*	*	*		*	*	*	*	*	*	
CO [@ 20	°F&	L	SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV)						mi] NMHC+N site) [g/mi] [US				NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]		
50	50K		SFTP 2 = @ UL (Tier 1, TLEV)		CERT	STD	CERT	STD	CERT	STD	CE	RT STI	CER'	T STD	CERT	STD	
CERT	1.5	1 -0	100	SFTP 1	*	*	*	*	0.08	0.14	2	.8 8.0	0.05	0.20	1.3	2.7	
STD	10.0	2.5	111	SFTP 2	*	*	*	*	*	*	,	• •	*	*	*	*	
@ UL		EVAPOR	ATIVE FA	MILY 1	EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3				EVAPORATIVE FAMILY 4				
	3-0	2-[) RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVI	₹ 3-D	2-D	RL	ORVR	
CERT	1.0	0.9	9 0.01	0.18	*	*	*	*	*	*	*	*	*	*	*		
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], 1968.1 [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).

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 _____2874__ day of June 2002.

Allen Lyons, Chief

Mobile Source Operations Division

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