

BAF TECHNOLOGIES

EXECUTIVE ORDER A-364-0008 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.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	USEFUL LIFE (miles)	COMI COMI (P=N/A o A/E=e:	MEDIATE -USE PLIANCE r full in-use; kh. / evap. state in-use)	FUEL TYPE	
2007 7BAFV04.61NN		Passenger Car	"LEV II" Super Ultra Low Emission Vehicle (LEV II SULEV)	ORVR EVA	A EXH	EVAP	Compressed Natural Gas	
No.	ECS & SF	EVAPORATIVE	FAMILY (EVAF)	臺	DISPLACEMENT (L)			
1	2TWC(2), 2H	7BAFR	0000000					
*		*				4	.6	
*		*		*		_		
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See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

BE IT FURTHER RESOLVED:

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement 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 or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

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).

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.

2/2 day of December 2006. Executed at El Monte, California on this

Annette Hebert, Chief

Mobile Source Operations Division



ATTACHMENT

BAF TECHNOLOGIES

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasotine test fuel.)

	For bi-, dua			enicles, tr			<u> </u>									
		② RAF=* !AF = *	NMOG or	HCHO=for	nane; NMOG≈ rmaldehyde; P	M=particul	late matter; I	RAF=reactiv	vity adjus	iment factor;	2/3 D [g/b	e st]= 2/3 day i	diumal+	_		
CERT	STD	NMOG	NMHC	NMHC	mi=mile; k	RL [g/mi]=runi K=1000 miles;	F=degrees	s Fahrenheil	: SFTP=sup	pplement	al federal tes	g vapor je t procedu	re			
0.010 0.075		CERT [g/mi]	CERT [g/mi]	[g/mi]		CO [g/mi]		NOx [g/mi]		HCHO [mg/ml]		PM [g/mi]		Hwy NOx [g/mi]		
	1 0 FOV		[8,]	*	CERT	STD	CERT	STD	CER	(T	STD C	ERT	STD	CERT	STD	
	@ 50K		-			<u></u>						*	,			
1.1		0.005	-	0.010	0.8	-1.0	0.02	0.02	0.3		4.	*	0.01	0.004	0.03	
	@ 50°F & 4K	*	*	*	<u> </u>	*	*	*	*		•		*		*	
CO [g/mi] @ 20°F & 50K				NMHC+NOx [g/mi] (composite)		CO [g/mi] (composite)		NMHC+NOx [g/mi] [US06]			[g/mi] [S06]		C+NOx [SC03]		[g/mi] [03]	
				CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
CERT	•	SFTP	@ * miles	*		*	*	*			*			*	•	
STD	•	SFTP	@ * miles	*	*	*	*	* 1		1	*		*	*	*	
Evaporative Family			ys Diurnal + Hot Soak (grams/test) @ UL		2-Days Diurnai + Hot Soak (grams/test) @ UL		Running Loss (grams/mile) @ UL			On-Board Refueling Vapor Recovery (grams/gallon) @ UL						
		CERT	S	rD .	CERT S		TD	CERT		STD		CERT		STD		
7BAFR0000000		*		-	*		*	*		•/		*				
*		*		•	*		•	-			1	*		4		
tly			+	*		*		*	•		•		*			
		-									+					

* = not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=utra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HQ2S=heated 02S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; DGI=direct gasoline fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG=compressed/liquefied natural gas; LPG=llquefied petroleum gas; E85="85%" Ethanol Fuel;

2007 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	INTERMEDIATE IN-USE COMPLIANCE (*=N/A or full in-use; A/E=exh. / evap. Intermediate in-use)		PHASE-IN STD.	OBD II
					EXH	EVAP		
BAF	CROWN VICTORIA	7BAFR0000000	1	4.6	А	٠	*	Partial
BAF	GRAND MARQUIS	7BAFR0000000	1	4.6	A		*	Partial
BAF	TOWN CAR	7BAFR0000000	1	4.6	А	*	*	Partial