

## BAYERISCHE MOTOREN WERKE AG

**EXECUTIVE ORDER A-008-0208** 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		IL LIFE les)	IN- COMP (*=N/A or A/E=ex	MEDIATE USE LIANCE full in-use; h. / evap. iate in-use)	FUEL TYPE	
2007	7BMXV06.0LE2	Passenger Car	"LEV II" Low Emission Vehicle (LEV II LEV)	EXH / ORVR	EVAP	EXH	EVAP		
			Analysis and the second of the	120K 150K		* *		Gasoline	
No.	ECS & SP	ECIAL FEATURES	EVAPORATIVE I		CADO SE ONO	2 Marie Language		District Comments of the Comme	
1	2TWC, 2HAFS	,2HO2S, DGI, OBD(P)	SN	/	DISPLACE	MENT (L)			
*		*	7BMXR0						
•									
<del>.   -</del>			*	•					
		•							

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.

Executed at El Monte, California on this \_\_\_\_

Annette Hebert, Chief

Mobile Source Operations Division

## **BAYERISCHE MOTOREN WERKE AG**

**EXECUTIVE ORDER A-008-0208** 

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

## **ATTACHMENT**

# 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 gasoline test fuel.)

NMOG AVERAG	FLEET E [g/mi]	NMOG CH4	@ RAF=* RAF = *	NMOG o	CH4=me	thane; NMOG ormaldehyde; ; RL [g/mi]=nu	=non-CH4	organic gas	are the	ose appl	icable to	testing o	on gasoli	ne test fu	el.)	
0.037	STD 0.043	NMOG CERT	NMHC CERT		hot-soak	ethane; NMOG ormaldehyde; ; RL [g/mi]=ru K=1000 miles D [g/mi]	F=degree	es Fahrenhe	illon dispe it; SFTP=	ensed]≃on-l supplemen	board refue	or; 2/3 D [g/to ling vapor re	monoxide; est]=2/3 day ecovery; g=g	NOx=oxides diurnal+ gram; mg=mil	of nitroger	
	@ 50K	[g/mi]	[g/mi]	[g/mi]	CERT	[3,,,,,]	CER	JX [g/mi]	H	ICHO [mg	/mi]	PM [g			Ox [g/mi]	
		0.031	<u> </u>	0.075	0.3	3.4	0.02			ERT	STD	CERT	STD	CERT	STD	
	@ UL 50°F & 4K	0.036	*	0.090	0.4	4.2	0.02	- 0.00		-	15.	*	*	0.002	0.07	
w w	30 F & 4K	0.080	•	0.150	0.5	3.4	0.02	0.07			18.	•	*	0.002	0.09	
CO In	/mil	74	114	NMHC+N	Ox [g/mi]	COL					30.	•	*	•		
CO [g/mi] @ 20°F & 50K				(comp	osite)	(compo	osite)	NMHC+N [g/mi] [US	NOx JS06]		O [g/mi] [US06]	NMHC+NOx [g/mi] [SC03]		CO	g/mi] :03]	
	1.5	SFTP@4	000 miles	*	*	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
STD	10.0		@ * miles	-	•	<del>  -</del> -		0.05	0.14	1.4	8.0	0.02	0.20	1,1	2.7	
								_*		*	*	*		*	2.1	
7BMXR0170LE2		illy		/test) @ L	IL	ak 2-Days Diurnal + Hot Soak (grams/test) @ UL			Running Loss (grams/mile) @ UL			On-Board Refueling Vapor Recovery (grams/gallon) @ UL				
		CERT	STD		CERT				CERT STD				ims/gallon) @ UL			
			0.24	0.50		0.41		0.65				CERT			STD	
								•	*		0.05		0.06		0.20	
	<del></del>		<del></del>	·		*		•	•		<del>-</del>		<u> </u>		*	
				•			<del>                                     </del>	<del>  </del> -			<del>-</del>		*		•	

\* = 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=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OCS=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air-fuel ratio sensor / heated AFS; EGR=exhaust 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=liquefied 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				
BMW	7601	7BMXR0170LE2			EXH	EVAP						
				6	*		0===					
BMW	760Li	ZDAAWDA (D.)					SFTP	Partial				
		7BMXR0170LE2	1	6	*	•	SFTP	Partial				