		Executive Order: A-008-0392
California Environmental Protection Agency	BAYERISCHE	New Passenger Cars, Light-Duty Trucks and
Ø∋Air Resources Board	MOTOREN WERKE AG	Medium-Duty Vehicles
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Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: 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.

	h					TEST G	ROUF	P IN	FOR	MATION						
MOD YEA		TEST G	ROUP		VEHICLE CLASS(E				S) FUEL CATEGORY			FUEL TYPE				
201	6	GBMXV0:	3.054R		PC				DEDICATED SINGLE FUEL VEHICLE			GASOLINE				
	USEF	UL LIFE	(miles)		V	EHICLE EMIS	ssioi	N C	ATE	GORY	IN	TERIM / IN	TERM	EDIA	TE IN-USE STD	
EX	H/ORV	R	EVAP			FTP			SF	TP		FTP		SFTP		
]	L20000		15000	0	I	LEV2 LEV				SFTP DARD		*			*	
SP	ECIAL	FEATUF		(HAUS STEMS		SION CONTR	ROL			OBD S	TAT	US	EN	GINE	DISPLACEMENT (L)	
1	2WU-	TWC, 2	IWC, 2W	CAC	S, 2НС	02S, DFI, 2	PTC,			FULL		*				
*			*						F	PARTIAL	AL	L MODELS	3.0			
*	* *								PAF	ARTIAL WITH *						
			E	VAPOF	RATIVE	& REFUELIN	IG (E	VA	P/OF	VR) FAMILY	r INF	ORMATION	1			
EV	AP / OF	RVR FAI	MILY	EVAF	PORAT	IVE STD CAT	EGO	RY		EVAP EMIS			SP	ECIA	L FEATURES	
	GBMXR	0130N5	4			LEV 2			PC			HCT				
						EMISSION	CRE	DIT	INF	ORMATION						
		ALLOV	ANCE F	OR TE	ST GRO	OUP						OPTIONAL EXH. STD FOR WORK				
BAS	SELINE	PZEV	A	T PZEV		TZEV		EVAP			TRUCKS		TRUCKS			
	*			*		*		N]	n n				
					NM	OG AND FLE	ET A	VE	RAG	E INFORMA	TION	4				
NMO	G RAF	CH4 R	AF FT		од/ммнс нсно/ммнс			HO/NMHC RATIO		O NMOG+NOX FLEET STD PC+LDT (0-3750 LVW) (g/mi)		NMOG+NOX FLEET STD LDT (3751 LVW-8500 GVWR) + MDPV (g/mi)				
	*	*		1.(04		*				0.0	93			0.110	

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. California Environmental Protection Agency

BE IT FURTHER RESOLVED:

The exhaust and 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+NOx and greenhouse gas Fleet Average (PC or LDT or MDPV) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

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 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for 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 _____ day of March 2015.

Annette Hebert, Chief Emissions Compliance, Automotive Regulations and Science Division

California Environmental Protection Agency

O Air Resources Board

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ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP. HWFET, 50°F, 20°F)

CH4: methane; NMOG: non-CH4 organic gas; HC: hydrocarbon; NMHC: non-CH4 HC; CO: carbon
monoxide; NOx: oxides of nitrogen; HCHO: formaldehyde; PM: particulate matter; RAF: reactivity
adjustment factor; 2DHS/3DHS [g HC/test]: 2/3 days diurnal+hot-soak; RL [g HC/mi]: running loss;
ORVR [g HC/gallon dispensed]: on-board refueling vapor recovery; g: gram; mg: milligram; mi: mile; K:
1000 miles; F: degrees Fahrenheit; FTP: federal test procedure; SFTP: supplemental FTP

- Alima													
A			NMOG (g/mi)		CO (g/mi)			Dx mi)	HCH (mg/				
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
FTP@50K	GASOLI TIEF UNLEA	2	0.051	0.075	0.4	3.4	0.03	0.05	*	15	*	. *	
FTP@UL	GASOLI TIEF UNLEA	2 2	0.058	0.090	0.5	4.2	0.03	0.07	*	18	*	0.01	
50°F @4K	GASOLI TIEF UNLEA	2 2	0.062	0.150	0.4	3.4	0.03	0.05	*	30		46 	
and the second					-			NOx (g	/mi)	CO (g/mi)			
	and the second			FUEL TYP	Έ		CE	CERT		CEF	RT	STD	
HWFET @ 50K GAS			ASOLINE	- TIER	2 UNLEAD	ED	0.	0.00					
HWFET @	UL	G	ASOLINE	- TIER	2 UNLEAD	ED	0.	00	0.09	ele station Station			
20°F @	50K	GP	SOLINE-C	COLD CO	HIGH OCT	ANE	14. 			1.5		10.0	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

a an		4		US06		SC0:	3	CON	POSITE		
	FUEL TYPE		NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	NMHC+NOx (g/mi)	CO (g/mi)	NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	
	GASOLINE	CERT	0.02	0.1		0.04	0.1				
@4K - TIER UNLEADE			0.14	8.0		0.20	2.7				
@ UL		CERT	*	*	*	*	*	*	*	*	
	*	STD	*	*	*	*	*	*	*	*	
2				50.000	Station -		144 C 1	*			
	W	HOLE VE	HICLE EVAPO	RATIVE EM	ISSION STA	NDARDS AND	CERTIFIC	ATION LEVELS	3		
				WHOLE VE	HICLE EVA	PORATIVE TES	TING	PI	(almi) @	1.0	
EVAPORATIVE FAMILY				(g/test) @	UL	2DHS (g/test) @ UL		— RL (g/mi) @ UL		
			CERT	STD	FEL CI	ERT STD	FE	L CERT		STD	
GBMXF	R0130N54	GASOLIN TIER UNLEAD	2 0.31	0.50	*	* 0.65	*	0.01		0.05	

California Envi OBAir R	ronmental Prot			BAYER MOTOREN		Executive Order: A-008-0392 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 4 of 4					
ORVR / FU	EL ONLY / CA	NISTER	BLEED	EVAPORATIVE						ELS	
EVAPORATIVE ORVR (g/gallon) @ UL FAMILY				FUEL TYPE	3DHS R	IG TEST) @ UL	2DHS R	TER BLEE IG TEST ;) @ UL	BLEED C	ANISTER est) @ 4K	
	FUEL TYPE	CERT	STD		CERT	STD	CERT	STD	CERT	STD	
GBMXR0130N54	GASOLINE - TIER 2 UNLEADED	0.00	0.20	*	* *		*	*	*	*	
*: not applicable; # LDT<6000#GVWR 8500#ALVW; MDV duty passenger ve vehicle weight ratir super ULEV; ZEV: TWC/OC: 3-way/or adsorption catalyst; ignited engine; HO sensor; PMS: PM cooler; AIR/AIRE: DFI/IFI: direct/indir diagnostic; DOR: c CNG/LNG: compre ethanol ("90%"gas continuously varial automated manua	R,3751-5750#L /: medium-duty hicle; ECS: err ng; LVW: loade zero-emission xidizing catalys t; SCR-U or SC CTOX/PTOX: 2S/02S: heate sensor; RDQS secondary air rect fuel injection direct ozone re- essed/liquefied oline) fuel; A: a ble transmission	VW; LDT vehicle; ad vehicle; ed vehicle; st; ADST CRC/SCF continuo ed/oxyge : reducta injection on; TC/S ducing; F natural g automatic on; SCV:	r3: LDT MDV4: ontrol sy e weigh PZEV: WC: ad R-N or S us/peric n senso int quali (belt dri C: turbo HCT: hy gas; LPr c (with la selectal	6001-8500#GVM MDV 8501-1000 estem; CERT: cer t; ALVW: adjusted partial ZEV; AT P sorbing TWC; HA CRC-NH3: selec dic trap oxidizer; r; WR-HO2S or A ty sensor; NH3S: ven)/(electric driv /super charger; C drocarbon trap; B G: liquefied petrol ockup); M: manu- ble continuously	/R,3751-57 0#GVWR; I tification; S d LVW; LEV ZEV: adva .C: HC adso tive catalyti DPF: diese \FS: wide ra ammonia s en); PAIR: cAN: bleec leum gas; E al transmiss variable trar	50#ALVW; MDV5: MD TD: standa /: low emis nced techn orbing cata c reductior el particulat ange/linear ensor; EG pulsed AIR e air cooler d carbon ca 585: "85%" sion; SA: si	LDT4: LD7 V 10001-14 rd; FEL: fai sion vehicle ology PZEV lyst; WU: w i-urea/amm e filter (acti /heated air- R: exhaust ; SFI/MFI: ; SFI/MFI: ; F/P/\$: full/ anister; pref ethanol ("1 emi-automa	F 6001-8500 4000#GVVM mily emissio e; ULEV: ulf V; TZEV: tra varm-up cat varm-up cat varm-up cat varm-up cat ve); GPF: F -fuel ratio so gas recircu sequential/r vpartial/parti ix 2: paralle 5%"gasolin atic transmis	0#GVWR,5 R; MDPV: r on limit; GV tra LEV; SU ansitional Z alyst; NAC: 0C: ammon 2M filter for ensor; NO) lation; EGR nultiport fue al with fine el; (2) suffix: e) fuel; E10 ssion; CV:	5751- medium- WR: gross JLEV: EV; NOx ia spark- XS: NOx RC: EGR el injection; s on-board : series; D: "10%"	

2016 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD	PZEV TYPE
BMW	Z4 SDRIVE 35IS	PC	3.0	AMS7	GBMXR0130N54	1	P	*
BMW	Z4 SDRIVE351	PC	3.0	AMS7	GBMXR0130N54	1	P	*