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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.

			TEST	ROUP INFORMA	TION				
MODEL YEAR	TEST GRO	UP VEHIC	CLE CLASS(ES)	FUEL	CATEGORY	FUEL TYPE			
2015	FMBXV03.0U	J2A	PC		ED SINGLE FUE EHICLE	-	GASOLINE		
	USEFUL LIF	E (miles)	VEHICLE EI	MISSION CATEGO	DRY	INTERI	/ INTERME	EDIATE IN-USE STD	
EXH/C	RVR	EVAP	FTP	SF	TP	FTP		SFTP	
120,	000	150,000	LEV 2 ULEV	LE	V 2	*		*	
SPECIAL	EATURES &	EXHAUST EMISSION	CONTROL SYSTEMS		OBD STATUS		ENGIN	E DISPLACEMENT (L)	
1	2TWC, 2W	R-HO2S, 2HO2S, DF	I, 2TC, CAC	FULL	*				
2 21	U-TWC, 2TM	/C, 2WR-H02S, 2H02	2S, DFI, 2TC, CAC	PARTIAL	ALL MOD	DELS	ELS 3.0		
*		*		PARTIAL WITH FINES	*	A ALL O			
		E	VAPORATIVE & REFUELI	NG (EVAP/ORVR)	FAMILY INFORM	MATION			
EV	AP / ORVR FA	MILY EV	APORATIVE STD CATEGO	RY EVAP EM	ISSION STD VEH	ICLE CLASS	SPE	ECIAL FEATURES	
F	MBXR0155LN	NS	LEV 2		PC		*		
F	MBXR0160L	NF	LEV 2		PC		*		
F	MBXR0170L	NS	LEV 2		PC	*			
F	MBXR0155LM	NČ L	EV3 OPTION 2 WITH FE	L	PC			*	
			EMISSION		ATION			· · · · · · · · · · · · · · · · · · ·	
		LOWANCE FOR TEST			CREDIT FOR	NMOG CREDI	FORDOR	OPTIONAL EXH. STD FOI	
BASEL	BASELINE PZEV AT PZEV TZEV			. NON-PZ	NON-PZEV ZERO-EVAP			WORK TRUCKS	
						N		14	
	T	FTP NMOG/NMHC	1	EET AVERAGE IN	FORMATION	NIM/	G+NOX EL	EET STD LDT (3751 LVW-	
MOG RAF	CH4 RAF	RATIO	HCHO/NMHC RATIO		(0-3750 LVW) (g		8500 GVWR) + MDPV (g/mi)		
	*	1.04	*		0.100			0.119	

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:**

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 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, amended December 6, 2012).

### **BE IT FURTHER RESOLVED:**

The test group listed in this Executive Order is certified conditionally on the manufacturer providing data to demonstrate compliance with California's greenhouse gas fleet average emission standard (CA GHG Standard) specified in Title 13, California Code of Regulations, (13 CCR) Section 1961.1 and the incorporated California 2001 through 2014 Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2009 through 2016 Model Greenhouse Gas

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Exhaust Emission Standards and Test Procedures for PC, LDT, and MDV, amended December 6, 2012 (CA Test Procedures). The manufacturer has elected, under 13 CCR Section 1961.1(a)(1)(A)(ii) and under Section E.2.5.1(ii) of the CA Test Procedures, to demonstrate compliance with the CA GHG Standard by demonstrating compliance with the National greenhouse gas program (National GHG Program). Therefore, the test group listed in this Executive Order is certified conditionally further on the manufacturer complying with the requirements specified in said provisions in 13 CCR, and Sections E.2.5.1(ii) and H.4.5(b) and H.4.5(c) of the CA Test Procedures (among other things, concerning data and information submission, timing, and format as specified by the Executive Officer). Failure to comply with the certification requirements to demonstrate compliance with CA GHG Standard by demonstrating compliance with the National GHG Program under said provisions in 13 CCR and CA Test Procedures may be cause for the Executive Officer to revoke the Executive Order. Vehicles in the revoked Executive Order shall be deemed uncertified and subject to penalties authorized under California law. Notwithstanding the requirement herein, a manufacturer that becomes, after MY2009, a large-volume manufacturer, as defined in 13 CCR Section 1900, is not required to comply with the CA GHG Standard during model-years (MY) 2012 through 2015.

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 July 2014.

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

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# 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.)

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

-	FUEL TYPE	HCHO=form loss; ORVR	aldehyde; P [g HC/gallor	M=particulate	matter; RAF	=reactivity ac ueling vapor r	justment fac	tor; 2DHS/3D	HS [g HC/te	onoxide; NOx= st]=2/3 days di nile; K=1000 m	urnal+hot-so:	ak; RL [g HC/r	ni]=runnin t;
		NMOG (g/mi)		CO (g/mi)		NOx (g/mi)		HCHO (mg/mi)		PM (g/mi)		HWY NOx (g/mi)	
		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
FTP @ 50K	GASOLINE-TIER2 UNLEADED	0.026	0.040	0.4	1.7	0.02	0.05	0.4	8.	*	*	0.01	0.07
FTP @ UL	GASOLINE-TIER2 UNLEADED	0.038	0.055	0.5	2.1	0.03	0.07	0.6	11.	*	0.01	0.01	0.09
20°F @ 50K	GASOLINE-COLD CO HIGH OCTANE	*	*	0.9	10.0	*	+	*	*	*	*	*	*
50°F @ 4K	*	*	*	*	*	*	*	*	*	*	*	*	*

### SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

-		US06			SC03				COMPOSITE					
	FUEL TYPE	NMHC+NOx (g/mi)		CO (	CO (g/mi)		NMHC+NOx (g/mi)		CO (g/mi)		NMHC+NOx (g/mi)		CO (g/mi)	
		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
@ 4K	GASOLINE-TIER2 UNLEADED	0.12	0.14	1.5	8.0	0.02	0.20	0.4	2.7		*	*	*	
@ UL	*	*	*	*	*	*	+	*	*	*		*	*	

#### WHOLE VEHICLE EVAPORATIVE/ORVR EMISSION STANDARDS AND CERTIFICATION LEVELS

EVAPORATIVE FAMILY			WHOLE VEH	HICLE EVAP	ORATIVE	RUNNIN	GLOSS	ON-BOARD REFUELING VAPOR			
	FUEL TYPE	3-DAYS DIURNAL + HOT SOAK (g/test) @ UL			2-DAYS DIURNAL + HOT SOAK (g/test) @ UL			(g/mi)	@ UL	RECOVERY (g/gallon) @ UL	
		CERT	STD	FEL	CERT	STD	FEL	CERT	STD	CERT	STD
FMBXR0155LNS	GASOLINE-TIER2 UNLEADED	0.45	0.50	+	*	0.65	#	0.000	0.05	0.02	0.20
FMBXR0160LNF	GASOLINE-TIER2 UNLEADED	0.45	0.50	+		0.65	*	0.000	0.05	0.07	0.20
FMBXR0170LNS	GASOLINE-TIER2 UNLEADED	0.39	0.50	*	+	0.65	*	0.000	0.05	0.004	0.20
FMBXR0155LNC	GASOLINE-LEV3 E10	0.313	0.300	0.325	*	0.300	0.325	0.001	0.05	0.02	0.20

	FUEL TYPE		FUEL ONLY EVAP					
EVAPORATIVE FAMILY		3-DAYS DIURNA (g/test)		2-DAYS DIURNA (g/test)		CANISTER BLEED (g/test)		
		CERT	STD	CERT	· STD	CERT	STD	
FMBXR0155LNC	GASOLINE-LEV3 E10	+	*	*	*	0.019	0.020	
*	*	* *				*	*	

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\* =not applicable; #=pounds; UL=useful life; PC=passenger car; LDT=light-duty truck; LDT1=LDT≤6000#GVWR,0-3750#LVW; LDT2=LDT≤6000#GVWR,3751-5750#LVW; LDT3=LDT 6001-8500#GVWR,3751-5750#ALVW; LDT4=LDT 6001-8500#GVWR,5751-8500#ALVW; MDV=medium-duty vehicle; MDV4=MDV 8501-10000#GVWR; MDV5=MDV 10001-14000#GVWR; MDPV=medium-duty passenger vehicle; ECS=emission control system; CERT=certification; STD=standard; FEL=family emission limit; GVWR=gross vehicle weight rating; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; ULEV=ultra LEV; SULEV=super ULEV; ZEV=zero-emission vehicle; PZEV=partial ZEV; AT PZEV=advanced technology PZEV; TZEV=transitional ZEV; TWC/OC=3-way/oxidizing catalyst; ADSTWC=adsorbing TWC; HAC=HC adsorbing catalyst; WU=warm-up catalyst; NAC=NOx adsorption catalyst; SCR-U or SCRC/SCR-N or SCRC-NH3=selective catalytic reduction-urea/ammonia; NH3OC=ammonia oxidation catalyst; CTOX/PTOX= continuous/periodic trap oxidizer; DPF=diesel particulate filter (active); GPF=PM filter for spark-ignited engine; HO2S/O2S=heated/oxygen sensor; WR-HO2S or AFS=wide range/linear/heated air-fuel ratio sensor; NOXS=NOX sensor; PMS=PM sensor; RDQS=reductant quality sensor; NH3S=ammonia sensor; EGR=exhaust gas recirculation; EGRC=EGR cooler; AIR/AIRE=secondary air injection (belt driven)/(electric driven); PAIR=pulsed AIR; SFI/MFI=sequential/multiport fuel injection; DFI/IFI=direct/indirect fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; F/P/§=full/partial/with fines on-board diagnostic; DOR=direct ozone reducing; HCT=hydrocarbon trap; BCAN=bleed carbon canister; prefix 2=parallel; (2) suffix=series; CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85-CARB: 85% ethanol+15% CA Phase2 gasoline; E85-EPA: 85% ethanol+15% Ter2 unleaded gasoline; E10-CARB: 10% ethanol+90% CA Phase2 gasoline; E10-EPA: 10% ethanol+90% Tier2 unleaded gasoline; A=automatic transmission; M=manual transmission; OT=other automatic transmission; L=lock-up automatic transmission; CV=continuou

#### 2015 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH	OBD	PZEV
MERCEDES-BENZ	C 400 4MATIC	PC	3.0	L	FMBXR0155LNC	1	Р	*
MERCEDES-BENZ	CLS 400	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	CLS 400 4MATIC	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	E 400	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	E 400 4MATIC	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	E 400 4MATIC COUPE	PC	3.0	L	FMBXR0160LNF	2	Р	*
MERCEDES-BENZ	E 400 4MATIC WAGON	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	E 400 CONVERTIBLE	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	E 400 COUPE	PC	3.0	L	FMBXR0160LNF	1	Р	*
MERCEDES-BENZ	S 400 4MATIC	PC	3.0	L	FMBXR0170LNS	1	Р	*
MERCEDES-BENZ	S 400 4MATIC W	PC	3.0	L	FMBXR0170LNS	1	Р	. *
MERCEDES-BENZ	SL 400	PC	3.0	L	FMBXR0155LNS	1	Р	*