

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	USEFU (mil		IN-I COMPI (*=N/A or A/E≑exi	IEDIATE USE LIANCE full in-use; n. / evap. ate in-use)	FUEL TYPE	
2011	BCRXT05.7VP0	LDT: 6001-8500# GVW, 3751-	USEPA Bin 4 Counted as ARB LEV2	EXH / ORVR	EVAP	EXH	EVAP	Gasoline (Tier 2	
		5750# ALVW	ULEV	150K	150K	*		Unleaded)	
No.	ECS &	SPECIAL FEATURES	EVAPORATIVE				DISPLAC	EMENT (L)	
1	2TWC, 2	HO2S(2), SFI, OBD(P)	BCRXR0180RM0						
+		·	BCRXRO	190RM0			5	i.7	
*		4u	BCRXRO	225RM0					

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).

BE IT FURTHER RESOLVED:

BE IT FURTHER RESOLVED: The test group listed in this Executive Order is certified conditionally on the manufacturer providing test data to determine the greenhouse gas (GHG) emissions for the listed test group, expressed in grams per mile of carbon dioxide-equivalent (g/mi CO2-e), as required in section E.2.5.2 of the California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles, as amended August 4, 2005 (the Test Procedures). Manufacturer shall provide the required data within 45 days after the date of the Executive Order unless (a) an extension is granted by the Executive Officer, or (b) the manufacturer demonstrates to the satisfaction of the Executive Officer that it is exemptifying GHG emissions for the listed test group under section E.2.5.3 Executive Officer that it is exempt from determining GHG emissions for the listed test group under section E.2.5.3 (Intermediate Volume Manufacturers) or E.2.5.4 (Small Volume Manufacturers) of the Test Procedures. Failure to comply with the certification requirement to determine the GHG emissions for the listed test group 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 comply intermediate the test group index of the test group 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 comply the test group index of the test group index of the test group index of the test group 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 be the test group index of the test group may be cause for the test g penalties authorized under California law. Notwithstanding the requirement therein, the manufacturer is not required to determine GHG emissions for any medium-duty vehicles in the listed test group that are not medium-duty passenger vehicles.

BE IT FURTHER RESOLVED:

The listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures. Additional NMOG fleet average or vehicle equivalent credits are granted to the listed vehicle models pursuant to 13 CCR Section 1961(a)(8) [optional 150K certification].

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.

This Executive Order hereby supersedes and cancels Executive Order A-009-1100 dated February 11, 2010.

__ day of June 2010. Executed at El Monte, California on this ___ imm to Hele

Annette Hebert, Chief Mobile Source Operations Division

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

ATTACHMENT

(F	or bi-, dua							1110000 0							,
NMOG AVERAC	FLEET 3E (g/mi) STD		@ RAF≄* RAF = *	NMOG or NMHC	HCHO=for	hane; NMOG=r rmaldehyde; Pi RL [g/mi]=runr K=1000 miles;	M=particula ting loss: O	ate matter; R/ RVR lo/gallo	VF≈reacti n dispense	vity adjust	ment facto	r; 2/3 D [g /te	est]=2/3 da	; NOx=oxides ay diumal+ gram; mg=mi	of nitrogen ligram
0.035	0.043	CERT	CERT	STD [g/mi]	CO	[g/mi]	NOx	([g/m]]			ករាំ	PM Ia		Hwy N	Ox [g/mi]
U .U35	0.043	[g/mi]	[g/mi]	[Shun]	CERT	STD	CERT	STD	CER		TD	CERT	STD	CERT	STD
	@ 50K	*	*	*	*	*	*	*	*		•	-	*	*	*
11 (1997)		0.050	*	0.070	1.5	2.1	0.02	0.04	*		м.	-	0.01	0.01	0.05
) 50°F & 4K	*	*	*	*	*	*	*	*		*	*		*	•
CO [@ 20°F			Second State	NMHC+N (comp		CO [g/ (compo		NMHC+1 [g/mi] [U		CO [U]	(g/mi] 306]		C+NOX [SC03]	CO [\$	[g/ml] C03]
Ge to F	a sur			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
ERT	4.0	SFTP @ 4	000 miles	*	*	*	*	0.1	0.4	0.5	10.5	0.04	0.31	0.9	3.5
STD	12.5	SFTP	@ 150000 miles	0.06	0.97				* 1	0.7	16.9	*	*	1.2	5.6
Eva	porative Far	mily	3-Days Di	s/test) @ l			/test) @ U		(grai	unning L ms/mile)	@ UL		covery (d Refueling grams/galic	in) @ UL
RC	DVD0190D	10	0.42		.90				CERT			CER			STD
	BCRXR0180RM0		0.42		.90	0.59 1.1		19		0.000		0.05 0.04			
BCRXR0190RM0		0.51	n	90	0.68	4	16	0.000		0.05		0.05		0.00	
			0.51 0.51		.90	0.68		15 15	0.000		0.05		0.05		0.20
BC = not appl VW=loads	* icable; UL=u	M0 seful life; PC:	0.51 *	ar; LDT=ligt	.90 *	0.50 * k; MDV≃medi	1. ium-duty vi	15 ehicle; ECS	0.000	on Contro	0.05 *	IN EVA THE	0.05 *	and a lambs	0.20 *
BC = not appl WW=loade DSTWC= as recircuit AC=charg PG=tiquef	* iicable; UL=u: ed vehicle wei adsorbing TM iation; AIR=se je air cooler; (M0 seful life; PC: ight; ALVW=: VC; WU=wan econdary air i OBD (F)/(P)=	0.51 * * adjusted LVM n-up catalyst; njection; PAII full/partial on- 85%* Ethanol	0. ar; LDT=ligh f; LEV=low OC=oxidiz R=pulsed A board diag Fuei	90 * Int-duty fruck emission ve ng catalyst; R; MFI= mu nostic; DOF	0.50 *	1. transitiona n sensor; H ection; SF e reducing HICLE RATIVE	15 * ehicle; ECS: I LEV; ULEV; IC2S=heate 1=sequentia ; prefix 2=pa	O.000 F Emission Emission Emission Emission Control Contro Contro Control Control	on Contro EV; SULI NFS/HAFS II=throttle	0.05 * I System; EV=super S=air-fuel body injer eries; CN ATION INTE I COM (*=N/A A/E=	ULEV; TW ratio sense ction; TC/S IG/LNG= cc	0.05 * dard; CEI C=3-way or / heated C= turbo/ ompresse E E Se; F Se; F	catalyst; I AFS; EGR=	0.20 tion; exhaust
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