

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.

MOD		TEST GR	OUP		VEHICLE TYPE (PC=passenger car; LDT=light-du MDV=medium-duty vehicle; LVW: vehicle weight; GVW=gross \	STAND (LEV=low e transitional	UST EMISSION ARD CATEGORY mission vehicle; TLEV I LEV; ULEV=ultra LEV EV=super ULEV)		EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)				
201	3	DGMXJ02.4151			PC and LDT < 6000# GV (PC; LDT 3751-5750# LV	USEPA Bin 4 Counted as ARB LEV2 ULEV			120K / 150K	Flexible Fuel: Ethanol (E85)/Gasoline (Tier 2 Unleaded)				
No.		VAPORATIVE AMILY (EVAF)			SPECIAL FEAT EMISSION CONTROL			* = not applicable	₫٧	VU≕ warm-up cat. O2S/HO2	t. ADSTWC=adsorbing TWC S=oxygen sensor/heated O2S			
1	1 DGMXR0120818			1	TWC(2), HO2S(2), DFI, OBD(F)					AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection DFI= direct fuel injection TC/SC=turbo /super charger CAC=charge air cooler OBD [F] / [P]=full /partial on-board diagnostic prefix 2=parallel				
2	DGMXR0133810			2	*									
3	DGM)	DGMXR0138813			•									
4		*				•	(2) suffix=series							
EVA No.		ECS EN			VEHICLE MAKES & MODELS		CLES SUBJECT TO SFTP DARDS ARE UNDERLINED		AB	ABBREVIATIONS:				
1		1 2.4			BUICK: (PC) VERANO									
2	-	1 2.4				BUICK: (PC) REGAL								
3	1 2.4		.4		CHEVROLET:	CHEVROLET: (LDT 3751-5750 pounds LVW) CAPTIVA FWD, EQUINOX FWD, EQUINOX AWD								
3		1 2	2.4		GMC: (LDT 3751-5750 pounds LVW) TERRAIN FWD, TERRAIN AWD									

The exhaust and evaporative emission standards (STD), as requested by the manufacturer, and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) 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 and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG FLEET AVERAGE [g/mi]				RAF= *	NMOG or													
STE	TD STD		NMOG NMHC		NMHC STD	mg=milligram mi=mile K=1000 miles F=degrees Fahrenheit SFTP=supplemental federal test procedure												
PC/LE	C/LDT1 LDT2		CERT	CERT	[g/mi]	CO [g/mi]			NOx [g/mi]		HCHO [mg/r			[g/mi]	Hwy NO			
0.03	5	0.043	[g/mi]	[g/mi]	[g/iii]	CERT	STD	CERT	STD	CE	RT	STD	CERT	STD	CERT	STD		
X	X : 4 - 11		٠					•	•	•		•	.*	*	•	•		
		@ UL	0.039 (0.028)	•	0.070 (0.070)	0.6 (0.7)	2.1 (2.1)	0.01 (0.03)	0.04		1 11 (*) (11)		*	0.01 (0.01)	0.01 (0.01)	0.05 (0.05)		
Table	@ 50°F & 4		*	+	•	•	•	•	•		*	*	•	*	*	•		
CO [g/mi] SFTP 1 = @ 20°F & LEV			9 4K (SULE or 50K (Tie	V, ULEV, or 1, TLEV)	NMHC+NOx [g/mi] (composite)		CO [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]			
50K			DUL (Tier 1, TLEV)		CERT	STD	CERT	STD	CERT	STD	CE	RT ST	D CE	RT STD	CERT	STD		
CERT	(2.0)		SF	TP @ 4K	•	*	*	•	(0.05)	(0.14)	(2	.9) (8	0.0	(0.20)	(1.4)	(2.7)		
STD	(10.0)		SFTP @ UL		(0.05)	(0.63)	•	*	*	•	(2	.9) (11	.1) *	•	(1.4)	(3.7)		
@ J.II	E	VAPORAT	VE FAM	LY 1	EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3			MILY 3		EVAPORAT	IVE FAMILY 4			
@ UL	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RI	_ OR\	/R 3-E	2-D	RL	ORVR		
CERT	0.39	0.53	0.000	(0.02)	0.25	0.30	0.000	(0.01)	0.26	0.35	0.0	0.0)	4) *	*	*	•		
STD	0.50	0.65	0.05	(0.20)	0.50	0.65	0.05	(0.20)	0.65	0.85	0.0	5 (0.2	0) *	*	*	*		

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: 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 Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles, amended March 29, 2010 (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



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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 until the beginning of the fourth model-year from becoming a large-volume manufacturer. Additionally, notwithstanding the requirement herein, a small-volume manufacturer, independent low-volume manufacturer, or intermediate volume-manufacturer, as defined in 13 CCR Section 1900, is not required to comply with CA GHG Standard during model-years (MY) 2012 through 2015.

BE IT FURTHER RESOLVED: That 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.

BE IT FURTHER RESOLVED: The manufacturer has elected to certify the test group listed above to section 1.(b) of the proposed California Environmental Label Specifications for 2009 and Subsequent Model Year Passenger Cars, Light Duty Trucks and Medium-Duty Passenger Vehicles, considered by the California Air Resources Board (ARB or the Board) at a public hearing conducted on January 26-27, 2012 (California Specifications). The aforementioned test group is certified conditionally upon final approval of the California Specifications. In the event the California Specifications do not become effective, the manufacturer agrees to immediately, upon notification by ARB, (1) cease use of the label meeting section 1.(b) of the California Specifications, and (2) place a label meeting the California Environmental Label Specifications for 2009 and Subsequent Model Year Passenger Cars, Light Duty Trucks and Medium-Duty Passenger Vehicles, adopted May 2, 2008, on vehicles in production.

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 201

Annette Hebert, Chief

Mobile Source Operations Division