

NISSAN MOTOR COMPANY, LTD.

EXECUTIVE ORDER A-015-0566-1 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 1 of 2

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.

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	MODEL YEAR TEST GROU			Р	VEHICLE TYPE (PC=passenger car; LDT=light-duty truck MDV=medium-duty vehicle; LVW=loade vehicle weight; GVW=gross VW)	EXHAUST EMISSION STANDARD CATEGORY (LEV=low emission vehicle; TLEV= transitional LEV; ULEV=ultra LEV; SULEV=super ULEV) EXHAUST & ORVR / EVAPORATIVE (CNG/LNG=central industrial industria	compressed/ atural gas; ed petroleum							
201	2011 BNSXT03.5G7			7A	LDT: <6000# GVW, 37515750# LVW	LEV2 ULEV 120K / 150K Gasc	oline							
No.		VAPORATIVE AMILY (EVAF)		No	SPECIAL FEATURES EMISSION CONTROL SYST		isorbing TWC or/heated O2S							
1	BNS	BNSXR0132PBA			2TWC, TWC, 2AFS	gas recirculation AIR/PAIR=secondary air in	WU= warm-up cat. 02S/HO2S=oxygen sensor/heated 02S AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust gas recirculation AlR/PAIR=secondary air injection/pulsed							
2	BNS	BNSXR0120PBB		2		TBI= throttle body injection /TC/SC=turbo /s	AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / {P}=full /partial on-board idagnostic prefix 2=parallel (2) suffix=series							
3		*		3	B	GAC=charge air cooler OBD (F) / (P)=full /pa								
4		*		4										
EVA No.		ECS No.	ENGIN SIZE (MAKES & MODELS ST	HICLES SUBJECT TO SFTP NDARDS ARE UNDERLINED ABBREVIATIONS:								
1		1 3.5			MURAN	NISSAN: MURANO AWD LE, MURA NO AWD S. MURANO AWD SL, MURANO AWD SV, MURANO FWD LE, MU RANO FWD S. MURANO FWD SL, MURANO FWD SV								
2		1 3.5			NISSAN: QUEST LE, QUEST S. QUEST SL, QUEST SV									
*	- I.	* *				*								

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 NMOG @ RAF=* AVERAGE [g/mi] CH4 RAF = *				NMOG o	nifrogen	HCHO=for	maldehyde	e PM=p	articula	ate mat	ter R/	.F=reactivi	tv adiustme	arbon mono ent factor efueling vap	2/3 D [g/tesi]=2/3 day	
CER	CERT STD		NMOG NMHC		NMHC STD	mg=millig	gram <u>mi</u> =	m <u>il</u> e K=	1000 mile	s I	F=degre	ees Fah	renheit	SFTP=supp	olemental fe	deral test p	rocedure x [g/mi]
0.05	3	0.043	[g/mi]	[g/mi]	[g/mi]	CERT	[g/mi]	CER	Ox [g/mi T S	I TD	CEF	HO [m	STD	PM [g	STD	CERT	STD
ğ		@ 50K	0.015	*	0.040	0.6	1.7	0.03	0.	.05	W		0.008	*	*	0.01	0.07
		@ UL	0.016	*	0.055	0.7	2.1	0.03	0.	.07	*		0.011	*	0.01	0.01	0.09
	@	50°F & 4K	0.030	*	0.080	0.4	1.7	0.04	0.	.05	*		0.016	*	*	*	*
CO [g/mi] SFTP 1 = @ 4K (SULEV, UL @ 20°F & LEV) or 50K (Tier 1, T				V, ULEV,	NMHC+N (comp				NMHC+NOx [g/mi] [US06			CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
	50K SFTP 2 = 6				CERT	STD	CERT	STD	CERT	S	TD	CER	STD	CER	r STD	CERT	STD
CERT	3.7		SF	TP @ 4K	*	*	*	*	0.03	0	.25	1.8	10.5	0.01	0.27	0.2	3.5
STD	12.5		SF	TP @ UL	*	w	. *	*	*		*	*	*	*	*/	*	*
@ III	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3						EVAPORATIVE FAMILY		
@ UL -	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-	_	RL	ORVE		2-D	RL	ORVR
CERT	0.39	0.36	0.000	0.03	0.39	0.31	0.001	0.11	*	,		*	*	*	*	*	*
STD	0.65	0.85	0.05	0.20	0.65	0.85	0.05	0.20	*	1 *	·	*	*	*	*	*	*

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 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 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 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.

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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 Executive Order A-015-0566 dated September 9, 2010

Executed at El Monte, California on this ___

_day of November 2010.

Annette Hebert, Chief

Mobile Source Operations Division