NISSAN MOTOR COMPANY, LTD.

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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 (PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; LVW=loaded vehicle weight; GVW=gross VW)	STAND (LEV=low e transitiona	AUST EMISSION DARD CATEGORY emission vehicle; TLEV= al LEV; ULEV=ultra LEV; LEV=super ULEV)	EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)					
201	1 BN	SXT04.0G6	A	LDT: ≤ 6000 pounds GVW; 3751- 5750 pounds LVW and LDT>6000 pounds GVW; 3751-5750 pounds ALVW	"LEV II" Vehic	120K / 15 0K	Gasoline						
No.	EVAPO FAMILY		No	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS		OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O2S/HO2S=oxygen sensor/heated C2S AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust das recirculation AIR/PAIR=secondary air injection/pulsed							
1	BNSXRO	132PBA	1	2TWC(2), 2AFS,2HO	2S, SFI, OBI								
*	1		*	* MEI/SEL= multiport fuel injection/sequential									
*	1		*	* TBI= throttle body injection TC/SC=turbo /su * CAC=charge air cooler OBD (F) / (P)=full /par * Idiagnostic prefix ≥parallel (2) suffix=serie									
*	1		*	*	(2) suffix=series								
EVAI No.	F ECS No.	ENGIN SIZE (L		VEHICLE VEHICLES SUBJECT TO SFTP MAKES & MODELS STANDARDS ARE UNDERLINED									
1	1	4.0		NISSAN: FRONTIER 2WD PRO-4X , FRONTIER 4WD PRO-4X (GVW ≤6000)									
1	1	1 4.0		NISSAN: PATHFINDER 2WD LE. PATHFINDER 2WD S (GVW ≤6000)									
1	1	1 4.0		NISSAN: XTERRA 2WD S/ 4WD S. XTERRA 4WD OR (GVW ≤6000)									
- 1	1	4.0		SUZUKI: EQUATOR 2WD Sport(Long) / 4WD Sport(Long) (GVW ≤6000)									
1	1	4.0		SUZUKI: EQUATOR 2WD Sport / 4WD Sport , EQUATOR 4WD RMZ-4 (GVW ≤6000)									
1	1	4.0		NISSAN: FRONTIER 2WD S. 4WD S. FRONTIER 2WD SL (Long), 4WD SL(Long), FRONTIER 2WD SL/4WD SL (GVW <6000)									
1	1_	4.0		NISSAN:FRONTIER 2WD	SV (Long /4WD SV(Long), FRONTIER 2WD SV/4WD SV (GVW ≤6000)								
1	1	4.0		NISSAN: XTERRA 2WD X (GVW ≤6000)									
1	1	4.0	\perp	NISSAN:PATHFINDER 2WD SV Silver, PATHFINDER 2WD SV (GVW ≤6000)									
1	11	4.0		NISSAN:PATHFINDER 4WD LE, PATHFINDER 4WD S, PATHFINDER 4WD SV Silver, PATHFINDER 4WD SV (GVW>6000)									
_ 1	1	4.0	4.0 NISSAN:PATHFINDER FE+ 2WD S(GVW ≤6000)										

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.)

AVE	NMOG FLEET NMOG @ RAF= * AVERAGE [g/m]) CH4 RAF = *				NMOG or	CH4=methane NMOG=non-CH4 organic gas NMHC=non-CH4 hydrocarbon CO=carbon monoxide NOx=oxides of nitrogen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 day diurnal+hot-soak RL [g/m]=running loss ORVR [g/gallon dispensed]=on-board refueling vapor recovery g=gram										
CER			NMOG CERT			mg=millig	<u>ram mi=</u> [g/mi]		=1000 miles F IOx [g/mi]		F=degrees Fahrenheit HCHO [mg/mi]		SFTP=supplemental fe PM [g/mi]		ederal test procedure Hwy NOx [g/mi]	
0.052	2 0.0	43	[g/ m i]	[g/mi]	[g/mi]	CERT	STD	CER			ERT	STD	CERT	STD	CERT	STD
	P (50K	0.022	•	0.040	0.4	1.7	0.01	0.0	5	*	8.	*	*	0.01	0.07
		D UL	0.025	*	0.055	0.4	2.1	0.01	0.0	7	*	11.	*	0.01	0.01	0.09
	@ 50°F	& 4K	0.071	*	0.080	0.9	1.7	0.01	0.0	5	*	16.	*	*	*	*
CO [V, ULEV, or 1, TLEV)	NMHC+NOx [g/mi] CO [g (composite) (comp			NMHC+NOx [g/mi] [US06]			CO [g/mi] [US06]		MHC+NOx ni] [SC03]		[g/mi] :03]	
50		FTP 2 =	@ UL (Tier 1	, TLEV)	CERT	STD	CERT	STD	CERT	STD	CE	RT ST	D CER	T STD	CERT	STD
CERT	8.2	1	SF	TP @ 4K	*	*	*	*	0.01	0.25	5	.0 10.	5 0.01	0.27	0.4	3.5
STD	12.5	J.	SF	TP @ UL	*	*	*	*	*	*		* *	*	*	*	*
@ UL	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2 EVAPOR					PORAT	RATIVE FAMILY 3			EVAPORATIVE FAMILY 4		
W OL	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	R	L ORV	R 3-D	2-D	RL	ORVR
CERT	0.40	0.44	0.001	0.05	*	*	*	*	*	*	*	*	*	*	*	*
STD	0.65	0.85	0.05	0.20	*	*	*	*	*	*	*	*	*	*		*



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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.

The listed test group is conditionally certified and the conditional Executive Order shall be revoked and become null and void ab initio as of September 23, 2010 (i.e., forty-five days from August 9, 2010), unless the manufacturer provides test results conducted at the appropriate ALVW showing compliance with the US06 emission standards. Any vehicles sold under the revoked conditional Executive Order shall be deemed uncertified and subject to a civil penalty of up to \$5000 per vehicle pursuant to Health and Safety Code Section 43154.

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 supercedes Executive Order A-015-0568-1 dated August 9, 2010

Executed at El Monte, California on this

Annette Hebert, Chief

Mobile Source Operations Division

day of August 2010.