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)	EXHAUST EMISSION STANDARD CATEGORY (LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV)	EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas)
2011	BNSXT04.0G6A	LDT: ≤ 6000 pounds GVW ; 0-3750 pounds LVW and LDT>6000 pounds GVW; 3751-5750 pounds LVW	"LEV II" Ultra Low Emission Vehicle (LEV II ULEV)	120K / 150K	Gasoline

No.	EVAPORATIVE FAMILY (EVAF)	No.	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS (ECS)
1	BNSXR0132PBA	1	2TWC(2), 2AFS,2HO2S, SFI, OBD(F)
*	*	*	*
*	*	*	*
*	*	*	*

* = not applicable

OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O2S/HO2S=oxygen sensor/heated O2S 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 TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series

EVAF No.	ECS No.	ENGINE SIZE (L)	VEHICLE MAKES & MODELS	VEHICLES SUBJECT TO SFTP STANDARDS ARE UNDERLINED
1	1	4.0	NISSAN: FRONTIER 2WD PRO-4X , FRONTIER 4WD PRO-4X (GVW ≤6000)	
1	1	4.0	NISSAN: PATHFINDER 2WD LE, PATHFINDER 2WD S (GVW ≤6000)	
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	NISSAN:PATHFINDER 2WD SV Silver, PATHFINDER 2WD SV (GVW ≤6000)	
1	1	4.0	NISSAN:PATHFINDER 4WD LE, PATHFINDER 4WD S, PATHFINDER 4WD SV Silver, PATHFINDER 4WD SV (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.)

NMOG FLEET AVERAGE [g/mi]		NMOG @ RAF= * CH4 RAF = *		NMOG or NMHC STD [g/mi]	CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]	
CERT	STD	NMOG CERT [g/mi]	NMHC CERT [g/mi]		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
0.052	0.043													
[redacted]	@ 50K	0.022	*	0.040	0.4	1.7	0.01	0.05	*	8.	*	*	0.01	0.07
[redacted]	@ UL	0.025	*	0.055	0.4	2.1	0.01	0.07	*	11.	*	0.01	0.01	0.09
[redacted]	@ 50°F & 4K	0.071	*	0.080	0.9	1.7	0.01	0.05	*	16.	*	*	*	*

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/mi]=running loss ORVR [g/gallon dispensed]=on-board refueling vapor recovery g=gram mg=milligram mi=mile K=1000 miles F=degrees Fahrenheit SFTP=supplemental federal test procedure

CO [g/mi] @ 20°F & 50K		SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV) SFTP 2 = @ UL (Tier 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]	
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	8.2	[redacted] SFTP @ 4K	*	*	*	*	0.01	0.25	5.0	10.5	0.01	0.27	0.4	3.5
STD	12.5	SFTP @ UL	*	*	*	*	*	*	*	*	*	*	*	*

@ UL	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3				EVAPORATIVE FAMILY 4			
	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR
CERT	0.40	0.44	0.001	0.05	*	*	*	*	*	*	*	*	*	*	*	*
STD	0.65	0.85	0.05	0.20	*	*	*	*	*	*	*	*	*	*	*	*

SUPERSEDED

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 in forty-five days after the date of this conditional Executive Order 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.

Executed at El Monte, California on this 9 day of August 2010.

Annette Hebert

Annette Hebert, Chief
Mobile Source Operations Division

SUPERSEDED