		EXECUTIVE ORDER A-015-0450
California Environmenial Protection Agency	NISSAN MOTOR CO., LTD.	New Passenger Cars, Light-Duty Trucks
AIR RESOURCES BOARD		and Medium-Duty Vehicles

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.

YEAR LEST GROUP M						VEHICLE TYPE (PC=passenger car; LDT=light-duty MDV=medium-duty vehicle; LVW=l vehicle weight; ALVW=adjusted L MDV: 5751 - 8500 Pounds Al	loaded LVW)	EXHAUST EMISSION STANDARD CATEGORY (LEV=low emission vehicle; TLEV= transitional LEV; ULEV=ultra LEV; SULEV=super ULEV) 1) USEPA Non-Tier 2 Bin 8 2) Counted as ARB LEV I SULEV			EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles) 120K / 150K	FUEL TYPE {CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas} Gasoline		
No. 1 2 3	FA	APORA MILY (E XR017	VAF)	served to the state of the second state of the	No. 1 2 3	SPECIAL FEATL EMISSION CONTROL S 2TWC(2), 2HA	YSTEN	IS (ECS)	* = not applicable	OC WL AF Ga: AIF TB	J= warm-up cat. 025/H S/HAFS=air-fuel ratio s s recirculation AlR/PAI R MFI/SFI= multipor the threatile body, integrity	cat. ADSTWC=adsorbing TWC IO25=oxygen sensor/heated O25 sensor/heated AFS EGR=exhaust IR=secondary air injection/pulsed t fuel injection/sequential MFI on TC/SC=turbo /super charger OBD (F) / (P)=fuil /partial on-board Niel (2) suffix=series		
4 EVAF No. 1 1		ECS No. 1 1	ENG SIZE 5.0	(L) 3		VEHICLE MAKES & MODELS	STAN	NDARDS AR ssan: Arma	ECT TO SFTP E UNDERLINED Ida 2WD, Armada 4 ti: QX56 2WD, QX5	WD, 6 4V	<u>, Titan 4WD</u> VD			

The exhaust and evaporative emission standards (STD) 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 = *					CH4=meth of nitroger diurnal+ho	ane NMOG n HCHO=1 ot-soak RL	iormaidehy . [g/mi]≓run	de PM≕pa ming loss	ORVR [g/	gallon dis		n-board ref	ueling van	nr recoverv	g=gram
STE			NMHC	STD	mg=millig	ram mi≖	mile <u>K=1</u>	000 miles	r≖aeg	F=degrees Fameinien		PM [g/mi]		Hwy NOx [g/mi]	
•				[g/mi]		STD	CERT					CERT	STD 	CERT 0.02 0.03	STD 0.19 0.27
@ UL				0.125	1.0 1.1	3.4	0.03	0.14		•	15	*			
			*	0.156			0.04	0.20	; ·	•	18	*			
		+					•	+		•	*	+			
CO [g/mi] SETP 1 = @ 4K (SULEV, ULEV, N						CO [g/mi]									[g/mi] C03]
@ 20°F & 50K SFTP		LEV) or 50K (Tier 1, TLEV)			STD	CERT	STD	CERT	STD	-		CERT	STD	CERT	STD
				0.06	1.49	*	*	*	*	1.4	13.2	*	*	1.3	4.4
	() () ()	ši		0.07	2.09	*	*	+	*	1.4	19.3	•	•	1.4	6.4
11111	50047	2.82	-	EV4	PORATIV	E FAMIL	(2	EVA	PORATIN	E FAMI	LY 3	· · · · · · · · · · · · · · · · · · ·			
								3-D	2-D	RL	ORVR	3-D	2-D		ORVR
				*	*		*	*	*	•	*	<u> </u>	*		*
0.39	0.33	0.001	0.05		+	-*		*	•	+	*	•	*	*	· ·
	AGE [g/m STI 3 0 0 0 0 0 0 0 0 0 0 0 3 0 0 3 9	AGE [g/mi] STD \$STD @ 50K @ 10L @ 50°F & 4K [mi] SFTP 1 = 0 F & SFTP 2 = 0 5.7 12.5 EVAPORAT 3-D 2-D 0.39 0.33	AGE [g/mi] CH4 RA STD NMOG CERT [g/mi] @ 50K 0.045 @ UL 0.048 @ 50°F & 4K * Imi] SFTP 1 = @ 4K (SULE F& LEV) or 50K (Th SFTP 2 = @ UL (Tier 5.7 SFT IL5 SFT EVAPORATIVE FAM 3-D 2-D 0.39 0.33	AGE [g/mi] CH4 RAF = * STD NMOG CERT NMHC CERT (g/mi] [g/mi] (g/mi) SFTP 1 = @ 4K (SULEV, ULEV, LLEV, LLEV, SFTP 2 = @ UL (Tier 1, TLEV) 5.7 (SFTP 0, 50K) (12.5) SFTP 0, 50K SFTP 0, 20K SFTP 0, 20K EVAPORATIVE FAMILY 1 3-D 3-D 2-D 0.39 0.33	AGE [g/mi] CH4 RAF = * NMUG of NMHC STD NMOG NMHC STD * CERT CERT STD @ 50K 0.045 * 0.125 @ UL 0.048 * 0.156 @ UL 0.048 * * * SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV) SFTP 2 = @ UL (Tier 1, TLEV) CERT 5.7 SFTP 2 = @ UL (Tier 1, TLEV) CERT CERT 5.7 SFTP @ 50K 0.06 12.5 SFTP 2 = @ UL (Tier 1, TLEV) CERT CERT 5.7 SFTP @ 120K 0.07 EVAPORATIVE FAMILY 1 EVA S-D 0.39 0.33 0.001 0.05	STELT Inflog OMMOG NMOG NMHC STD NMOG NMHC STD NMHC STD NMHC STD STD	STELT Infloe OHD Get [g/mi] CH4 RAF = * NMOG or MHC STD NMOG NMHC NMHC STD Itrogen Helho= STD NMOG NMHC STD NMHC STD MMHC STD MMHC STD STD CERT CERT CERT STD Itrogen Helho= diumal+hotsoak RI @ 50°F 0.045 0.125 1.0 3.4 @ 0.048 0.156 1.1 4.2 @ 50°F & 4K * * * * * [g/mi] SFTP 1 = @ 4K (SULEV, ULEV, ULEV, ICCONSIDE NMHC+NOX [g/mi] CO [STELT NMOG NMC STD NMOG NMHC STD NMOG NMHC STD NMOG NMHC STD CERT CERT (g/mi) (g/mi) (g/mi) (g/mi) (g/mi) NO (g/mi) (g/mi) (g/mi) (g/mi)	STELT NMOG NMHC STD NMOG NMHC STD NMOG NMHC STD CERT CERT (g/mi) (g/mi) (g/mi) (g/mi) (g/mi) <td< td=""><td>AGE [g/mi] CH4 RAF = * NMOG or of nitrogen HCHOgen of nitrog</td><td>AGE [g/mi] CH4 RAF = * NMOG or of nitrogen HCH0 errormaldelyde PMP-particulate inlater MMCR [g/gallo dis converted or of nitrogen STD NMOG NMHC STD NMHC STD NMHC STD STD NMOG NMHC STD STD CERT CERT CERT STD Immersite K=1000 miles F=degrees Fahr F=degrees Fahr @ 0.045 0.125 1.0 3.4 0.03 0.14 * @ 0.048 0.156 1.1 4.2 0.04 0.20 * @ 0.048 0.156 1.1 4.2 0.04 0.20 * @ 50°F & 4K * * * * * * * * (mil) SFTP 1 = @ 4K (SULEV, ULEV, LEV, ILEV) (composite) (composite) [g/mil] US06] [L SFTP 2 = @ UL (Tier 1, TLEV) CERT STD CERT STD CERT STD CERT STD CERT STD <</td><td>AGE [g/mi] CH4 RAF = * NMOG or light of nitrogen HCH0 of number of nitrogen<td>AGE [g/mi] CH4 RAF = * NMOG or CH4 RAF = * NMOG of Introgen HCH0 grant/bit actinates Hatter Hot Sector Hot Sector Hot Sector Hot Sector SETP = sector <t< td=""><td>AGE [g/mi] CH4 RAF = * NMOG or CERT of nitrogen HCH0=formaldelyde PM=particulate inatter Functionate inatter Separticulate inatter Separter Separter Separ</td><td>AGE [g/mi] CH4 RAF = * NMUG of CERT CERT CERT CERT CERT CERT STD CERT STD CERT STD CERT CERT CI MAY NO @ 50K 0.045 * 0.125 1.0 3.4 0.03 0.14 * 15 * 0.02 @ 50K 0.045 * 0.125 1.0 3.4 0.03 0.14 * 15 * 0.02 @ 50K 0.045 * 0.156 1.1 4.2 0.04 0.20 * 18 * 0.02 @ 50°F & 4K * * * * * * * * 0.03 [g/mi] UL 0.048 * 0.156 1.1 4.2 0.04 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: 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.

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 _207H day of July 2005.

Allen Lyons, Chief Mobile Source Operations Division