

Pursuant to the authority vested in California Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-19-095;

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.

				TEST GR	OUP IN	FORMAT	TION		
MODE	- I T	EST GROUP	VEHICLE CLASS(ES)				FUEL C	ATEGORY	FUEL TYPE
2020	LN	ISXT05.6N9B		LDT4		DED		SINGLE FUEL HICLE	GASOLINE
l	USEFUI	LIFE (miles)	VE	HICLE EMIS	SION C	ATEGOR	RY	INTERIM / INT	ERMEDIATE IN-USE STD
EXH	/ORVR	EVAP	and a property of	FTP		SFTP		FTP	SFTP
15	0000	150000	LEV3	ULEV125	LEV	3 COMPO	OSITE	*	*
SPE	CIAL FE	EATURES & EXIS	HAUST EMISSI	ON CONTRO	OL		OBD S	TATUS	ENGINE DISPLACEMENT (L)
1		2TWC (2) , 2HC	2S, 2WR-H02	S, DFI		FU	LL	*	
*			*		1	PAR	TIAL	ALL MODELS	5.6
*			**. 0. //	terio de la comoción		PARTIA FIN			Sector Contractor
	1- 11	EV	APORATIVE &	REFUELING	G (EVA	P/ORVR)	FAMILY	INFORMATION	alistia reconstru
EVA	P / ORV	R FAMILY	EVAPORATIV	E STD CATE	GORY			SSION STD CLASS	SPECIAL FEATURES
L	NSXR01	174PBA	L	EV 2			LD	T4	*
				EMISSION C	REDIT	INFORM	ATION		
	EDIT FO	OX FLEET AVE. OR EXTENDED RRANTY		REDIT FOR I			MOG CI	REDIT FOR DOR	OPTIONAL EXH. STD FOR WORK TRUCKS
		N		N		1. P. 1		N	N
			NMOG	AND FLEE	T AVE	RAGE IN	FORMA	ΓΙΟΝ	
NMOG RAF	CH4 RAF	FTP NMOG/NMHC RATIO	HCHO/NMHC RATIO	NMOG+NO PC+LDT			NMOG+NOX FLEET STE LDT (3751 LVW-8500 GVWR) + MDPV (g/mi)		D NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)
*	*	1.10	*		0.065	1.1.1		0.074	+

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations. (As applicable, heavy-duty vehicles (HDV) over 14,000 pounds in GVWR listed in this Executive Order are certified to the requirements in 13 CCR Section 1961.2 applicable to MDV pursuant to 13 CCR Section 1956.8(c)(3) or 13 CCR Section 1956.8(h)(5), as applicable.)



NISSAN MOTOR COMPANY, LTD.

BE IT FURTHER RESOLVED:

The exhaust and evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's fleet average compliance requirement for NMOG+NOx or Vehicle Equivalent Credit (13 CCR Sections 1961.2(b)(1), 1961.2(b)(3), or 1961.2(c) (3), and the incorporated test procedures, as applicable), or Greenhouse Gas Emissions (13 CCR Section 1961.3, or 17 CCR Section 95663, and the incorporated test procedures, as applicable), for PC, LDT, MDPV or MDV shall be equalized as required.

BE IT FURTHER RESOLVED:

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 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for PC, LDT and MDV).

BE IT FURTHER RESOLVED:

The listed vehicle models are certified conditionally on the manufacturer providing evaporative emissions data with E10 certification gasoline as required by Part III.F.2 of the California Evaporative Emission Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles (Amended: September 2, 2015). This data must be submitted within 90 days from the date of this Conditional Executive Order as described in the manufacturer's request for Conditional Executive Order dated August 20, 2019.

Failure to provide the above data within the stipulated time, or failure of the data to be approved by the California Air Resources Board may be cause for the Executive Officer to rescind this conditional certification, in which case all vehicles covered under this conditional certification would be deemed uncertified and subject to a civil penalty of up to \$37,500 per violation per vehicle pursuant to HSC 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 day of September 2019.

Allen Lyons, Chief Emissions Certification and Compliance Division

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FUEL TYPE

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ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50°F, 20°F)

CH4: methane; NMOG: non-CH4 organic gas; HC: hydrocarbon; NMHC: non-CH4 HC; CO: carbon monoxide; NOx: oxides of nitrogen; HCHO: formaldehyde; PM: particulate matter; RAF: reactivity adjustment factor; 2DHS/3DHS [g HC/test]: 2/3 days diurnal+hot-soak; RL [g HC/mi]: running loss; ORVR [g HC/gallon dispensed]: on-board refueling vapor recovery; g: gram; mg: milligram; mi: mile; K: 1000 miles; F: degrees Fahrenheit; FTP: federal test procedure; SFTP: supplemental FTP

Sacra Street			1.								1. 1. 210		
		NMOG+NOx (g/mi)		CO (g/mi)			NOx (g/mi)		HCHO (mg/mi)		'M 'mi)		
1 ASIA			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
FTP@50K		*	*	+	*	*	*	*	*	*	+	*	
FTP@UL		OLINE- 73 E10	0.027	0.125	0.2	2.1	+	*	*	4	*	0.01	
50°F @4K		OLINE- 73 E10	0.021	0.250	0.2	2.1	*	*	*	16	No.		
							NN	NMOG+NOx (g/mi)			CO (g/mi)		
		the best	the state	FUEL TYP	E		CE	RT	STD	CER	RT	STD	
HWFET @ 50K		к * .							+	39.24	8.400 M	Alto	
HWFET @ UL		JL GASOLINE-LEV3 E10						800	0.125	ere his			
20°F @ 5	OK	COLD	CO E10 RI	EGULAR GI	ASOLINE	(TIER3)		1		1.:	2	12.5	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

Charles Co. 1		-	UTT	LANA			STANDA	11001			ATIONL			4.1		
		Res	59 C	Sec. 1		US06				SC03			COMPOSITE			
	FUEL TY	PE	N	IMOG+N (g/mi)	CONTRACT OF A	CO (g/mi)	PM (mg/			G+NOx /mi)	CO (g/mi)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OG+NO> (g/mi)	c CO (g/mi)	PM (mg/mi	
@ 4K	*	CE	RT	*		*				*	*					
6		ST	D	*		*	- geta ing			*	*		S. Williamski	1251223		
	CERT		ERT *			* *				*	*	0.038		2.2	*	
@ UL	GASOLIN LEV3 E1	- 191	D	*		*	*			*	*		0.083	4.2	*	
		BI	IN			Real Parts	. Heating	and a second		a an man	Warden and		0.110			
		WHOLE	VEHI	CLE EV	APOR/	TIVE EN	ISSION	STAN	DARC	S AND	ERTIFIC	ATIO	N LEVE	S		
					W	HOLE VE	HICLE	EVAPO	ORAT	VE TEST	ING					
		FUEL	TYPE	3	3DHS (g/test) @ UL					S (g/test)	@ UL	@ UL RL (g/mi) @ UL				
				CER	RT :	STD	FEL	CER	RT	STD	FE	L	CER	T	STD	
LNSXF	R0174PBA		LINE HASE	103	3 (0.90	*	0.4	1	1.15	*		0.00	IIO LEVELS RL (g/mi) @ CERT 0.000 CERT		
(DRVR / FU	EL ONL	Y/CA	NISTER	BLEE	DEVAPO	RATIVE	EMIS	SION	STANDA	RDS ANI	DCE	RTIFICA	TION LEV	ELS	
	1.1			and the second se				FU	IEL OI	NLY EVA	P & CAN	ISTE	R BLEED)		
@ 4K * @ UL GASOLIN LEV3 E: EVAPORATIVE FAMILY LNSXR0174PBA	VE ORVR (g/ga		allon) @ UL		FUEL			OHS RIG TEST g/test) @ UL		2DHS RIG (g/test) @				ED CANISTER 「(g/test) @ 4K		
		FUEL T	TYPE	CERT	STD			CE	RT	STD	CERT		STD	CERT	STD	
LNSX	R0174PBA	GASOLI TIEF UNLEA	R 2	0.07	0.20		*	*		*	*		*	*	+	

CALIFORNIA AIR RESOURCES BOARD

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EFFECTIVE LEAK DIAMETER STANDARD AND CERTIFICATION LEVEL (INCHES)									
EVAPORATIVE FAMILY	LEAK FAMILY	CERT	STD						
and a second second second	e an	•							

: not applicable; #: pounds; UL: useful life; PC: passenger car; LDT: light-duty truck; LDT1: LDT<6000#GVWR,0-3750#LVW; LDT2: .DT<6000#GVWR,3751-5750#LVW; LDT3: LDT 6001-8500#GVWR,3751-5750#ALVW; LDT4: LDT 6001-8500#GVWR,5751-8500#ALVW; MDV: medium-duty vehicle; MDV4: MDV 8501-10000#GVWR; MDV5: MDV 10001-14000#GVWR; MDPV: mediumduty passenger vehicle; HDV: heavy-duty vehicle; ECS: emission control system; CERT: certification; STD: standard; FEL: family emission limit; GVWR: gross vehicle weight rating; LVW: loaded vehicle weight; ALVW: adjusted LVW; LEV: low emission vehicle; ULEV: ultra LEV; SULEV: super ULEV; ZEV: zero-emission vehicle; TZEV: transitional ZEV; TWC/OC: 3-way/oxidizing catalyst; ADSTWC: adsorbing TWC; HAC: HC adsorbing catalyst; WU: warm-up catalyst; NAC: NOx adsorption catalyst; SCR-U or SCRC/SCR-N or SCRC-NH3: selective catalytic reduction-urea/ammonia; NH3OC: ammonia oxidation catalyst; CTOX/PTOX: continuous/periodic trap oxidizer; DPF: diesel particulate filter (active); GPF: PM filter for spark-ignited engine; HO2S/O2S: heated/oxygen sensor; WR-HO2S or AFS: wide range/linear/heated air-fuel ratio sensor; NOXS: NOx sensor; PMS: PM sensor; RDQS: reductant guality sensor; NH3S: ammonia sensor; EGR: exhaust gas recirculation; HP/LP EGR: High/Low Pressure EGR; EGRC: EGR cooler; AIR/AIRE: secondary air injection (belt driven)/(electric driven); PAIR: pulsed AIR; SFI/MFI: sequential/multiport fuel injection; DFI/IFI: direct/indirect fuel injection; TC/SC: turbo/super charger; CAC: charge air cooler; FFH: fuel fired heater; F/P/\$: full/partial/partial with fines on-board diagnostic; DOR: direct ozone reducing; HCT: hydrocarbon trap; BCAN: bleed carbon canister; prefix 2: parallel; (2) suffix: series; a hyphen (-) between after treatment ECS indicates multiple functionalities of the after treatment device (ex. DPF-SCRC: SCR coated DPF); CNG/LNG: compressed/liquefied natural gas; LPG: liquefied petroleum gas; E85: "85%" ethanol ("15%"gasoline) fuel; E10: "10%" ethanol ("90%"gasoline) fuel; A: automatic (with lockup); M: manual transmission; SA: semi -automatic transmission; CV: continuously variable transmission; SCV: selectable continuously variable transmission; AM: automated manual transmission; AMS: automated manual-selectable transmission; OT: other transmission; AER: all-electric range; EAER: equivalent AER: PHEV: plug-in hybrid electric vehicle; NMOG + NOx Fleet Ave. Credit for Extended Warranty: N = no credits, Y = credits, S = credits for some/select models

2020 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD	
INFINITI	QX80 AWD	LDT4	5.6	SA7	LNSXR0174PBA	1	P	