Application For Certification
Part1

General application for 2026 Model Year

Durability Groups: All models

Evap. Families: All models

Test Groups: All models

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NISSAN MOTOR CO., LTD.

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2. Durability Group Description

Durability Group Name	Combustion Cycle	Engine Type	Fuel Used	Basic Fuel Metering System	Catalyst		
					Construction	Precious Metals	Range of Catalyst Grouping Statistic
TNSXGPGNNAAA	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	DFI	Monolith	Refer to the Confidential Section	
TNSXGPGNNAAE	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	DFI	Monolith	Refer to the Confidential Section	
TNSXGPGNNAAL	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	DFI	Monolith	Refer to the Confidential Section	
TNSXGPGNNAAS	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	SFI&DFI	Monolith	Refer to the Confidential Section	
TNSXGPGNNAAW	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	DFI	Monolith	Refer to the Confidential Section	
TNSXGPGNNAAX	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	DFI	Monolith	Refer to the Confidential Section	
TNSXGPGNNAAY	4 stroke, Otto cycle	Piston, Water cooled	Gasoline	DFI	Monolith	Refer to the Confidential Section	

3. Evaporative/Refueling Family

		Basic Canister Design	Basic Canister Design													
			Primary Canister		Bleed Canister											
Evaporative/ Refueling Family Name	Vapor Storage Device	Total Working Capacity (g)	Working Capacity (g)	Volume (cc)	Working Capacity (g)	Volume (cc)	System Conf.	Canister geometry	Canister Construction	Canister Material	Fuel System	Type of Refueling System	Fillpipe Seal Mechanism	Vapor control system	Purge control system	Vapor hose material	Fuel tank material
TNSXR0099PJA	Canister	99.0	96.0	1600	3.0	80	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0099PKA	Canister	99.0	96.0	1600	3.0	80	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0114PCA	Canister	114.2	111.0	1850	3.2	100	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0128PDA	Canister	127.9	126.9	2096	1.0	34	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0128PEA	Canister	127.9	126.9	2096	1.0	34	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0155PMB	Canister	154.7	151.7	3200	3.0	103	2/Series	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0158PLA	Canister	157.5	155.5	2690	2.0	68	1	Box	Closed bottom	Plastic	SFI&DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0158PMA	Canister	157.5	155.5	2690	2.0	68	1	Box	Closed bottom	Plastic	SFI&DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic
TNSXR0159MCC	Canister	159.0	156.0	2310	3.0	103	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Steel
TNSXR0176PFA	Canister	175.7	174.7	3010	1.0	34	1	Box	Closed bottom	Plastic	DFI	Integrated	Liquid	N/A	Purge-C valve	Rubber & Plastic	Plastic

4. Durability Procedure Description

For Exhaust Deterioration

Durability Group	Durability Procedure	Modification	Amount of Aging	DF Type	DF's
TNSXGPGNNAAA	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7
TNSXGPGNNAAE	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7
TNSXGPGNNAAL	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7
TNSXGPGNNAAS	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7
TNSXGPGNNAAW	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7
TNSXGPGNNAAX	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7
TNSXGPGNNAAY	Bench aging (NABP, approved by EPA on 12/19/96)	None	Refer to SEC16(3)-(b)	Additive	Refer to SEC7

4. Durability Procedure Description

For Evap/Refueling Deterioration

Evap. Family	Durability Procedure	Modification	Amount of Aging	DF Type	DF's
TNSXR0099PJA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0099PKA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0114PCA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0128PDA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0128PEA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0155PMB	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0158PLA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0158PMA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0159MCC	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7
TNSXR0176PFA	Bench aging procedure	None	Refer to SEC16(3)-(c)	Additive	Refer to SEC7

8. Emission Testing Waiver Statement and Other Statement

<Federal and California>

91 RON Testing	Nissan states, pursuant to VPC-97-01, The city and highway fuel economy test result differences between comparing 91 RON operation and 96 RON operation is within 3%, and there are no emissions increases (beyond normal test variability) using 91 RON fuel when tested on the FTP and SFTP.
HCHO	Nissan states, pursuant to 40CFR 86.1829-15(d)(4) and G3.2.3 of "(*) California pollutant exhaust emission standards and test procedure", based on our engineering evaluation of previous emission test, that all vehicles comply with the formaldehyde emission standards.
Representative	Nissan states, production vehicles are in all material respects the same as the (test) vehicles for which certification was granted.
Unsafe conditions	The emission control systems cause no increase in toxic or noxious emissions and create no unsafe conditions from their use of malfunction.
Test procedures	Nissan has tested the test vehicles, or has caused the test vehicles to be tested, according to the prescribed (or approved) test procedures (40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable) and on the basis of such tests. Nissan has determined that the test vehicles comply with all applicable emission standards.
Defeat device	Vehicles have no defeat devices.
Alternate maps	Nissan states that the test and production vehicles do not have any alternate maps.
LBT requirement	Not exceeding by more than 4% of LBT (lean-best-torque) air-fuel-ratio value throughout the US06 cycle without prior EPA and ARB approval.
Exhaust system Leakage	Nissan states that all vehicles comply with provision of 40CFR 86.1844-01(d)(16) based on our engineering analysis.
VECI Label Durability	Nissan states, pursuant to 40CFR 86, 1807-01(a)(2), that all vehicles comply with the Vehicle Emission Control Information (VECI) requirement.
Evap. Leak	Nissan states, pursuant to 40CFR 86.1829-15(e)(4), based on our engineering evaluation, that all vehicles comply with the leak standard in 86.1813-17(a)(4).
High altitude exhaust emission	Nissan states, pursuant to 40CFR 86.1829-15(c), based on our engineering evaluation of high-altitude emission testing as we deem appropriate, that all vehicles comply with the emission standards at high-altitude.
High altitude evaporative/refueling emission	Nissan states, pursuant to 40CFR 86.1829-15(c), based on our engineering evaluation of high-altitude evaporative/refueling emission testing as we deem appropriate, that all vehicles comply with the evaporative/refueling emission standards at high-altitude.
Adjustable parameter	Nissan states, pursuant to 40CFR 86.1844-01(g)(6), that all vehicles have no adjustable parameter.
	(*) CALIFORNIA 2026 AND SUBSEQUENT MODEL YEAR CRITERIA POLLUTANT EXHAUST EMISSION STANDARDS AND TEST PROCEDURES FOR PASSENGER CARS, LIGHT-DUTY TRUCKS, AND MEDIUM-DUTY VEHICLES

8. Emission Testing Waiver Statement and Other Statement

<California>

Continuity at low temperature	Nissan states, pursuant to C-5 of "(*) California pullutant exhaust emission standards and test procedure", based on our engineering evaluation of such testing as we deem appropriate, that a discontinuity in emissions of non methane organic gases, carbon monoxide, oxides of nitrogen and formaldehyde measured on the Federal Test Procedure (40CFR Part 86) does not occur in the temperature range of 20 to 86 degrees Fahrenheit.
ASM	Nissan states, pursuant to MAC #99-05, based on our engineering evaluation of such ASM testing as we deem appropriate, that all vehicles comply with the Acceleration Simulation Mode (ASM) Inspection and Maintenance (I/M) standards.
Environmental Performance Label	Nissan uses the Federal Fuel Economy and Environment Label in accordance to 40 CFR Parts 85, 86, and 600 as promulgated on July 6, 2011 in lieu of the CA Environmental Performance label requirements.
Fill Pipes and Openings	Nissan states that all vehicles comply with ARB's "SPECIFICATIONS FOR FILL PIPES AND OPENINGS OF 2015 AND SUBSEQUENT MODEL MOTOR VEHICLE FUEL TANKS"
	(*) CALIFORNIA 2026 AND SUBSEQUENT MODEL YEAR CRITERIA POLLUTANT EXHAUST EMISSION STANDARDS AND TEST PROCEDURES FOR PASSENGER CARS, LIGHT-DUTY TRUCKS, AND MEDIUM-DUTY VEHICLES

8. Emission Testing Waiver Statement and Other Statement (cont'd)

<Federal>

Spitback Fuel	For the vehicles which comply with refueling emission standard, Nissan states, pursuant to 40CFR 86.1829-15(e)(5), based on our engineering evaluation of the dispensing spitback testing as we deem appropriate, that all vehicles comply with the Dispensing Spitback Standard, and applies to the full useful life of the vehicle.
PM	Nissan states, pursuant to 40CFR 86.1829-15(d)(1), based on our engineering evaluation of previous emission test, that all vehicles comply with the particulate emissions standards.
ORVR	Nissan states, pursuant to CISD-06-06, all vehicles are carried over previously certified evaporative/ORVR family (See Sec 8-4). There is no in-use problem.
High altitude for Cold NMHC vehicles	Nissan states, pursuant to 40CFR 86.1810-9(f)(2), that the common calibration approaches are utilized at high altitude for all vehicles that comply with the cold temperature NMHC standards.
Durability performance of GHG related parts	Based upon Nissan’s engineering evaluation and durability testing, systems and components that generate off-cycle credits are designed to operate properly for the full useful life of the vehicle.

List the evaporative / refueling family names and the respective ORVR vehicle models to be certified.

Model year	Carline	Engine Disp.	Evaporative / Refueling family name	
			2026MY, To be certified.	2025MY, certified.
2026	SENTRA, SENTRA SL/SR*	2.0 L	TNSXR0099PJA	SNSXR0099PCA
	KICKS, KICKS AWD	2.0 L	TNSXR0099PKA	SNSXR0099PDA
	ALTIMA, ALTIMA SR, ALTIMA AWD, ALTIMA AWD SR	2.5 L	TNSXR0114PCA	SNSXR0114PCB
	ROGUE FWD (for LDT1)	1.5 L	TNSXR0128PDA	SNSXR0128PDA
	ROGUE FWD, ROGUE AWD (for LDT2)	1.5 L	TNSXR0128PEA	SNSXR0128PEA
	ROGUE AWD ROCK CREEK (for LDT2)	1.5 L	TNSXR0128PEA	SNSXR0128PEA
	FRONTIER 2WD, FRONTIER 4WD, FRONTIER 4WD PRO-4X, FRONTIER 4WD LIFTED PRO-4X	3.8 L	TNSXR0155PMB	SNSXR0155PFB
	MURANO FWD, MURANO AWD	2.0 L	TNSXR0158PLA	SNSXR0158PEA
	QX60 FWD, QX60 AWD	2.0 L	TNSXR0158PMA	SNSXR0158PFA
	PATHFINDER 2WD, PATHFINDER 4WD, PATHFINDER 4WD PLATINUM	2.0 L	TNSXR0158PMA	SNSXR0201PFB
	PATHFINDER 4WD ROCK CREEK	2.0 L	TNSXR0158PMA	SNSXR0201PFB
	Z, Z NISMO	3.0 L	TNSXR0159MCC	SNSXR0159MCC
	QX80 2WD, QX80 4WD	3.5 L	TNSXR0176PFA	SNSXR0176PFA
	ARMADA 2WD, ARMADA 4WD, ARMADA 4WD PRO-4X	3.5 L	TNSXR0176PFA	SNSXR0176PFA

*: Model change vehicle

**: New model

***: CAN only

9. OBD System Description

Refer to the confidential section.

12. Description of Vehicles Covered by Certificate and Test Parameter

(1) Starting

Caution: The vehicle has to be set in maintenance mode (if so equipped) to be adoption for testing on 2WD chassis dyno.
The procedure of setting maintenance mode, please see Sec16(10).

a) Automatic transmission

To start the engine, turn on the ignition switch setting selector lever in the "P" position, and not depressing the accelerator pedal.

b) Automatic transmission with push-button ignition switch

To start the engine, press the engine start switch setting selector lever in the "P" position with depressing the brake pedal, and not depressing the accelerator pedal.

c) Electric Vehicle

To start the EV system, push the "START" switch setting selector lever in the "P" position and pressing the brake pedal.

d) Manual transmission

To start the engine, turn on the ignition switch with holding the clutch pedal down, and not depressing the accelerator pedal.

e) Manual transmission with push-button ignition switch

To start the engine, press the engine start switch with holding the clutch pedal down, and not depressing the accelerator pedal.

12. Description of Vehicles Covered by Certificate and Test Parameter

(2) Shifting

(a) Automatic transmission

Set in the "D" position with the overdrive on-off switch turned on (if so equipped).

Note: Emission tests were conducted under overdrive condition according to policy of EPA.

(b) Electric Vehicle

Set the selector lever in the "D" position, or Push the “D” button in the e-Shifter.

Note: Depend on the difference of Shift system.

12. Description of Vehicles Covered by Certificate and Test Parameter

(5) Fuel storage system leak test method

Follow the test procedure specified in 40 CFR 1066.985 but not pressurizing over 2.6 kPa in order to avoid the fuel storage systems damage.

The pressurizing point is canister drain port near the fuel tank and connector of the purge hose (or service port if applicable) in the engine compartment.

13. Projected Sales

Refer to the confidential section.