File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-273
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: SNS2.4VJG2EK Displacement: 2.4 Liters (145.8 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Warm-Up Three Way Catalytic Converter
Three Way Catalytic Converter
Heated Oxygen Sensor
Oxygen Sensor
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection
On-Board Diagnostic II

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The TLEV certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
50,000	0.125	3.4	0.4	0.015
100,000	0.156	4.2	0.6	0.018

Reactivity Adjustment Factor for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.98 reactivity adjustment factor for 1995 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
50,000	0.078	0.8	0.2	0.001
100,000	0.083	1.0	0.2	0.001

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicles models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 11th day of July, 1994.

Norman Kaye for
R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A15-273

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: NISSAN MOTOR CO., LTD. Exh Engine Family: SNS2.4VJG2EK

Evap Std: 50K X Useful Life with R/L Evap Engine Family: SNS1030BYP0A

Exh Std: Tier-0 Tier-1 TLEV X LEV ULEV ZEV ; EPA Tier-0 Tier-1 X

Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo Ph2 X Diesel: 13 CCR 2282 or 40CFR 86.113-90

M85 CNG LPG Other (specify) or -94

Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Gasoline X Diesel M85

CNG LNG LPG Other (specify)

Hybrid: Type A B C , APU Cycle (e.g., Otto, Diesel, Turbine) 1/

Engine Configguration: L4 Displacement: 2.4 Litters 145.8 Cubic Inches

Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC/WUTWC/O2S/HO2S/EGR/SFI /OBD II

(use abbreviations per SAE J1930 SEP91)

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1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Engine Code (also list CA/49ST/ 50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
AK24DCM1 (CA)	STANZA ALTIMA XE 4-DOOR SEDAN	M5	3125	8.1*	ECM A18-C43 (UNISIA -JECS)	EGR VALVE EVK 72-68	(WUTWC) 3E1 (TWC) 4E9
	STANZA ALTIMA GXE 4-DOOR SEDAN		3250	7.9*			
	STANZA ALTIMA SE 4-DOOR SEDAN			7.2** 7.6*			
BK24DCM1 (CA)	STANZA ALTIMA XE 4-DOOR SEDAN		3125	7.4*	JA18C49 (AUTECS)		
	STANZA ALTIMA GXE 4-DOOR SEDAN		3250	7.2*			
AK24DCA1 (CA)	STANZA ALTIMA XE 4-DOOR SEDAN	A4			ECM A18-C44 (UNISIA -JECS)		
	STANZA ALTIMA GXE 4-DOOR SEDAN		3250	7.9*			
	STANZA ALTIMA GLE 4-DOOR SEDAN						
	STANZA ALTIMA SE 4-DOOR SEDAN			7.2** 7.6*			
BK24DCA1 (CA)	STANZA ALTIMA XE 4-DOOR SEDAN			7.2*	JA18C50 (AUTECS)		
	STANZA ALTIMA GXE 4-DOOR SEDAN						

* With P205/60R15(ALL SEASON) tire
** With P205/70R15(SUMMER) tire

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