R. Pennyer Author

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-270
Relating to Certification of New Motor Vehicles

NISSAN MOTOR CO., 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 Co., 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: SNS1.6VJG2EK Displacement: 1.6 Liters (97.5 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensors (two)
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 RAF 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	0.071	1.2	0.1	0.001
100,000	0.073	1.4	0.1	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 NMOG fleet average 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 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 27th day of October, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A15-270

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer: NISSAN MOTOR CO., LTD. Exh Engine Family: SNS1.6VJG2EK

Evap Std: 50K X Useful Life with R/L Evap Engine Family: SNS1030BYM0A

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

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 or -94

M85 CNG LPG Other (specify)

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)

Engine Configguration: L4 Displacement: 1.6 Litters 97.5 Cubic Inches

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

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC/HO2S(2)/EGR/SFI, OBD2

(use abbreviations per SAE J1930 SEP91)

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.
AG16DCM1 (CA)	SENTRA 4-DOOR	M5	2625	6.7*	ECM JA18-B73 (AUTECS) A18-B77 (UNISIA JECS)	EGR Valve AEY 77-95	1M5
				7.0**			
	200SX			6.9**			
	200SX SE		2750	6.9**			
				7.0***			
W/AC	SENTRA XE 4-DOOR			7.0**			

* With P155R13 tire
** With P175/70R13 tire
*** With P175/65R14 tire

Issue Date : 08/05/94
Revision Date :

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.
AG16DCM1 (CA)	SENTRA GXE 4-DOOR		2750	7.0**			
	SENTRA GLE 4-DOOR						
w/AC							
BG16DCM1 (CA)	SENTRA 4-DOOR	M5	2625	6.1* 6.4**	ECM JA18-B73 (AUTECS) A18-B77) (UNISIA JECS)		
	200SX			6.3**			
	200SX SE			6.4***			
	SENTRA XE 4-DOOR		2750	6.4**			
	SENTRA GLE 4-DOOR						
w/out AC							
AG16DCA1 (CA)	200SX			6.7***		EGR Valve AEY 77-95	1M5
	200SX SE						
	SENTRA 4-DOOR						
	SENTRA XE 4-DOOR			6.7**			
	SENTRA GXE 4-DOOR	L4	2750		JA18-B74 (AUTECS) A18-B78 (UNISIA JECS)		
	SENTRA GLE 4-DOOR						
w/AC							
BG16DCA1 (CA)	200SX			6.1***			
	200SX SE						
	SENTRA 4-DOOR						
	SENTRA XE 4-DOOR			6.1**			
	SENTRA GXE 4-DOOR						
w/out AC							

* With P155R13 tire
** With P175/70R13 tire
*** With P175/65R14 tire

Issue Date : 08/05/94
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E.O.# A15-270

1995 MODEL-YEAR CERTIFICATION REVIEW SHEET

EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

22.27

Manufacturer: NISSAN MOTOR CO., LTD. Exh Engine Family: SNS1.6VJG2EK

All Eng Codes in Eng Fam: CA X 49S 50S Evap Engine Family: SNS1030BYM0A

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

Evap Std: 50K X Useful Life with R/L In-Use Exh Std: Full In Use Alt In Use 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 or -94

M85 CNG LPG Other (specify)

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)

Engine Configguration: L4 Displacement: 1.6 Litters 97.5 Cubic Inches

Valves per Cylinder: 4 Rated HP: 115 @ 6000 RPM

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

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC/HO2S(2)/EGR/SFI OBD2

(use abbreviations per SAE J1930 SEP91)

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Issue Date : 08/05/94
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