File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-291
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 1996 model-year Nissan Motor Company, Ltd., exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: TNS3.0VJGFEK Displacement: 3.0 Liters (182.3 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Warm Up Three Way Catalytic Converters
Three Way Catalytic Converter
Dual Heated Oxygen Sensors
Heated 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 certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.10	0.5	0.1	4.8
100,000	0.11	0.6	0.1	n/a

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 is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (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 running loss and useful life standards applicable to 1995 and subsequent 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 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 "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 30th day of March, 1995.

Bob Crosa for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-15-291

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer: NISSAN MOTOR CO., LTD. Exh Engine Family: TNS3.0VJGFEK

Evap Std: 50K Useful Life with R/L X Evap Engine Family: TNS1110AYMEA

Exh Std: Tier-0 Tier-1 X TLEV 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) Otto

Engine Configguration: V6 Displacement: 3.0 Litters 182.3 Cubic Inches

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

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

(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA49ST/ 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. *
* AV30DCA1	MAXIMA 4-DOOR SEDAN GXE MAXIMA 4-DOOR SEDAN GLE MAXIMA 4-DOOR SEDAN SE INFINITI I30 INFINITI I30t	A4	3500	7.9 8.3	ECM; A18-C85 (H Tyre) A18-E66 (S Tyre)	EGR Valve AEY 77-69	WUTWC;41U TWC;53U
* AV30DCM1	MAXIMA 4-DOOR SEDAN GXE MAXIMA 4-DOOR SEDAN SE INFINITI I30 INFINITI I30t	M5	3375 3500	7.8 8.1	A18-C84 (H Tyre) A18-E65 (S Tyre)	EGR Valve AEY 77-69	WUTWC;41U TWC;53U

* The figures and numbers in the place of the mark x are variable according to lot number and production date.

Issue Date : 12/23/94
Revision Date :

* these are california codes although this engine family contains 49st codes.