State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-302
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1997 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VNS3.0VJGFEK 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

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	0.09	0.5	0.2	6.5
100,000	0.11	0.6	0.2	n/a

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 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 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 18 day of July 1996.

John G. Hendricks

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

17.11.00 Supplemental Data Sheet

E.O.#A-15-302

.01 1997 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 1

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

Manufacturer:NISSAN MOTOR CO., LTD. Exh Eng Fam:VNS3.0VJGFEX EvapFam:VNS1110AYMPA

All Eng Codes in Eng Fam: CA___ 49S___ 50S X AB965___

Exh Std: CA Tier-1 X TLEV___ LEV___ ULEV___ ZEV___; US EPA Tier-1 X

Evap Std: 50K___ Useful Life with R/L X In-Use Exh Std: Full In Use X Alt In Use___

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)

Fuel Type(s):Dedicated X 1/ Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline X Diesel___

CNG___ LNG___ LPG___ M85___ Other (specify)_____

Emiss Test Fuel(s):Indo___ Ph2 X CNG___ LPG___ M85___ Other(specify)_____

Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___

Service Accum: Std AMA X Mod AMA___ Mfr ADP___ Other (specify)_____

NMOG Test Procedure:N/A X Std___ Equiv___ R/L Test Proc:SHED___ Pt Source X

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)_____

Engine Configuration: V6 Displacement: 3.0 Litters 182.3 Cubic Inches

Valves per Cylinder: 4 Rated HP: 190 @ 5600 RPM

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
(use abbreviations per SAE J1930 SEP91)

2/ Supplemental data sheet is not changed by R/C No. V30VJGFE-04 at all.
3/ Supplemental data sheet is not changed by R/C No. V30VJGFE-05 at all.

Issue Date : 06/07/96
Revision Date : 1/ 07/17/96 2/ 09/20/96 3/11/04/96

E.O.#A-15-302

17.11.01 1997 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES
(continued)

Manufacturer: NISSAN MOTOR CO., LTD. Exh Eng Fam: VNS3.0VJGFEK Evap Fam: VNS1110AYMEA

Engine Code (also list CA/49ST/ 50ST)	Vehicle Models (if coded see attachment)	Trans. (M5, A4 etc.)	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
AV30DAA1 (50ST)	NISSAN MAXIMA 4-DOOR SEDAN GXE	A4	3500	7.9	ECM A18-F56 (for H Tyre) A18-F58 (for S Tyre) (Before R/C No. V30VJGFE -05)	EGR Valve AEY77 -69	WUTWC: 41U TWC:0L7
	NISSAN MAXIMA 4-DOOR SEDAN GLE						
	INFINITI I30 4-DOOR SEDAN LEATHER-APPOINTED			8.3	A18-H09 (for H Tyre) A18-H11 (for S Tyre) (After R/C No. V30VJGFE -05) 2/		
	INFINITI I30 4-DOOR SEDAN STANDARD						
	NISSAN MAXIMA 4-DOOR SEDAN SE				(Before R/C No. V30VJGFE -06) A18-H45 (for H Tyre) A18-H47 (for S Tyre) (After R/C No. V30VJGFE -06) 3/		
	INFINITI I30 4-DOOR SEDAN TOURING						

1/ Supplemental data sheet is not changed by R/C No. V30VJGFE-04 at all.
2/ With R/C No. V30VJGFE-05
3/ With R/C No. V30VJGFE-06

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17.11.01 1997 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES
(continued)

Manufacturer: NISSAN MOTOR CO., LTD. Exh Eng Fam: VNS3.0VJGFEK Evap Fam: VNS1110AYMEA

Engine Code (also list CA/49ST/ 50ST)	Vehicle Models (if coded see attachment)	Trans. (M5,A4 etc.)	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
AV30DAM1	NISSAN MAXIMA 4-DOOR SEDAN GXE	M5	3375	7.8	ECM A18-F55 (for H Tyre) A18-F57 (for S Tyre)	EGR Valve AEY77 -69	WUTWC: 41U TWC:0L7
	NISSAN MAXIMA 4-DOOR SEDAN SE			8.3	(Before R/C No. V30VJGFE: -05) A18-H08 (for H Tyre) A18-H10 (for S Tyre) (After R/C No. V30VJGFE: -05) 2/ (Before R/C No. V30VJGFE: -06) A18-H44 (for H Tyre) A18-H46 (for S Tyre) (After R/C No. V30VJGFE: -06) 3/		
	INFINITI I30 4-DOOR SEDAN STANDARD		3500	8.1			
	INFINITI I30 4-DOOR SEDAN TOURING						

1/ Supplemental data sheet is not changed by R/C No. V30VJGFE-04 at all.
2/ With R/C No. V30VJGFE-05
3/ With R/C No. V30VJGFE-06

Issue Date : 06/07/96
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