State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-194
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 1991 model-year Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MNS4.5V5FAA9 Displacement: 4.5 Liters (274 Cu. In.)

Exhaust Emission Control Systems and Special Features:

Dual Warm-up Three-Way Catalysts
Dual Three-Way Catalysts
Dual Heated Oxygen Sensors
Exhaust Gas Recirculation
Sequential Multipoint Electronic Fuel Injection

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

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.39	7.0	0.4

The following are the certification emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.19	0.7	0.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered 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" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards 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" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 (California Health and Safety Code Section 43205).

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 10 day of August, 1990.

for John A. Gunderson
R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: MNS4.5V5FAA9

Pass Cars X Lt-Duty Trucks ____ Med-Duty Vehicles ____ Fuel Type Gasoline

Eng.Type VH45DE Liter (CID) 4.5 (274.2) Evap.Family FI8-1

Emission Control Sys & Special Features 2TWC/HO2S/EGR/SMPI
(Use abbreviations per SAE J1930 Jun88)

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

Engine Code/	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU) Part No.	EGR Valve Part No	Catalyst ** Part No.
AN45DCA1	INFINITI Q45 (STD) (with B.S. or DUNLOP tire) INFINITI Q45 (LUX) (with B.S. or DUNLOP tire) INFINITI Q45 (TOURING SUSPENSION PACKAGE) (with B.S. or DUNLOP tire)	L4	4250	9.5	Control Unit A18-A32	AEY77-37	Main cat (LH) Zxx, xK Zxx, xP Zxx, xQ (RH) Zxx,xL Zxx,xR Zxx,xS Pre-cat. (LH) KLxx,x1 (RH) KRxx,x2

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

Issue Date: 04/06/90
Revision Date:

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2WUTWC / 2

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Engine Code/	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU) Part No.	EGR Valve Part No	Catalyst ** Part No.
AN45DCA1	INFINITI Q45 (TCS) (with MICHELIN tire)	L4	4250	8.9	Control Unit A18-A32	AEY77-37	Main cat (LH) Zxx, xK Zxx, xP Zxx, xQ (RH) Zxx,xL Zxx,xR Zxx,xS
	INFINITI Q45 (LUX) (with MICHELIN tire)						
	INFINITI Q45 (TOURING SUSPENSION PACKAGE) (with MICHELIN tire)						Pre-cat. (LH) KLxx,x1 (RH) KRxx,x2

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