

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-215  
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 1992 model Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NNS4.5V5FBA1 Displacement: 4.5 Liters (274 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

The emission standards for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.39	7.0	0.4

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.27	2.0	0.1

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]..." for the aforementioned model-year (Title 13, California Code of Regulations, Section 1968).

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 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 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 2290).

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 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 19<sup>th</sup> day of August, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

\*17.11.01-3

E.O. # A-15-215

17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 1

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS4.5V5FBA1

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/2WUTWC  
 (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.
AN45DCA2	INFINITI Q45 FULL-ACTIVE SUSPENSION	L4	4500	11.2	Control Unit A18-A59	AEY77-37	Main cat (LH) Yxx,xR Yxx,xQ Yxx,xS (RH) Yxx,xN Yxx,xM Yxx,xP 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.