State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-198
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: MNS2.4V5FBA0 Displacement: 2.4 Liters (146 Cu. In.)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Oxygen Sensor
Pulsed Secondary Air Injection
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)
0.22	3.2	0.3

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 16th day of August, 1990.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-15-198

17.11.00 1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: MNS2.4V5FBA0

Pass Cars X Lt-Duty Trucks ____ Med-Duty Vehicles ____ Gas X Diesel ____

Eng.Type L-4, OHC Liter (CID) 2.4 (145.8) Evap.Family FI4-2

Emission Control Sys.(Use SAE Abbrv.) TWC/PAIR/O2S/EGR/SMPI

Engine:Front X Mid. ____ Rear ____ Drive:FWD X RWD ____ 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.
AK24ECA2	AXXESS FWD XE	L4	3375	9.2	Control Unit A11-A81	EGR Valve AEY77-44	Xxx,xxE Xxx,xxF Xxx,xxG Xxx,xxH
	AXXESS FWD SE						
BK24ECA2	AXXESS FWD XE			8.4			
AK24ECM2	AXXESS FWD XE	M5	3375	9.2	Control Unit A11-A80		
	AXXESS FWD SE						
BK24ECM2	AXXESS FWD XE		3250	8.4			

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyna test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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

Issue Date: 04/27/90
Revision Date:

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AK24ECA3	AXXESS AWD XE	L4	3625	11.0	Control Unit A11-A81	EGR Valve AEY77-44	Xxx,xxQ Xxx,xxR Xxx,xxN Xxx,xxP
	AXXESS AWD SE						
BK24ECA3	AXXESS AWD XE						
	AXXESS AWD SE						
AK24ECM3	AXXESS AWD XE	M5	3625		Control Unit A11-A93		
	AXXESS AWD SE						
BK24ECM3	AXXESS AWD XE		3500				
	AXXESS AWD SE						

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyna test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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