State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-225
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 1993 model Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: PNS2.4T5FHC7 Displacement: 2.4 Liters (146 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Oxygen Sensor
Exhaust Gas Recirculation
Pulsed Secondary Air Injection
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:

Loaded Vehicle Weight (pounds)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
0-3750	50,000	0.39	9.0	0.4

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

Loaded Vehicle Weight (pounds)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
0-3750	50,000	0.20	2.6	0.2

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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, 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 "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 "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 regulations (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 4th day of March, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-15-225

17.11.00 1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: PNS2.4T5FHC7

Pass Cars____ Lt-Duty Trucks X Med-Duty Vehicles____ Gas X Diesel____

Eng.Type KA24E Liter (CID) 2.4 (145.8) Evap.Family FI4-4

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

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.
AK24ECA9	REGULAR CAB TRUCK 4x2	L4	3250	11.7	Control Unit MECM-T222		
	KING CAB TRUCK 4x2		3375	10.9			
BK24ECA9	REGULAR CAB TRUCK 4x2		3125	11.7			
	KING CAB TRUCK 4x2		3250	10.9			
AK24ECM9	REGULAR CAB TRUCK 4x2	M5	3125	11.7	Control Unit MECM-T212	EGR Valve AEY77-41	Sxx,x1 Sxx,x2
	KING CAB TRUCK 4x2		3375	10.9			
BK24ECM9	REGULAR CAB TRUCK 4x2		3125	11.7			
	KING CAB TRUCK 4x2		3250	10.9			

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

Issue Date: 01/10/92
Revision Date: