Z.O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-70
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1984 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered ~~light-duty trucks:~~ passenger cars.

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
ENS2.4V5FAC1	146	(2.4)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.24	2.5	0.5

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 24 day of August, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

51/68

17.01.02.00 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-70

Engine Family ENS2.4V5FAC1 Evaporative Family 4FI6-1

Engine CID (Liters) 146.0 C.I.D. (2.4liter)

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System
ECC-Electronic Control Carburetor
ECCS-Electronic Concentrated Control System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

DRIVE SYSTEM:

Engine Code	Model	Transmission
AL24ECM1	NISSAN MAXIMA 4-DOOR SEDAN	5-Speed Manual
AL24ECA1	NISSAN MAXIMA 4-DOOR SEDAN NISSAN MAXIMA WAGON	Automatic

Issue Date: 06/23/83
Revision Date:

58/68

17.01.02.00- cont.

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles X Gas __ Diesel

Manufacturer NISSAN MOTOR CO., LTD. E.O. #A -15-70

Engine Family ENS2.4V5FAC1 CID(liter) - Type 146.0 (2.4 liter) - L-6

ECS (Special Features) EFI+EGR+TWC+CL

Engine Code	Vehicle Models*	Trans.	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
AL24ECM1	MAXIMA 4-DOOR SEDAN	M-5	Distributor HITACHI D6K82-02	Control Unit A11-662302 (M/T) A11-663303 (A/T) (JECS) Air Flow Meter A31-623 (JECS) Injector A46-0011 (JECS) A46-0012 (DKC)	EVK72-45	Vehicle Emission Control Information 14805 W4805 Vacuum Hose Routing Diagram 22304 W3200
AL24ECA1	MAXIMA 4-DOOR SEDAN & MAXIMA WAGON	L-4			EVK72-49	

Comments: See page before for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment on 17.01.03.00.

* See page before.

Issue Date: 06/23/83
Revision Date: