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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-64
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 1983 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks.

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
DNS2.4T9FAC6	145.8	(2.4)	Exhaust Gas Recirculation Three-way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.26	5.8	0.7
4000-5999	0.12	4.7	0.9

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class 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 6th day of January, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

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Eng. Family:

17.02.00.00

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
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Manufacturer NISSAN MOTOR CO.,LTD. Executive Order No. A-15-64

Engine Family DNS2.4T9FAC6 Evaporative Family EVP-ECC-2A

Engine CID (Liters) 2.4

ABBREVIATIONS

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

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

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

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

MFI-Mechanical Fuel Injection
TC-Turbocharged

DRIVE SYSTEM: 2WD : Front Engine, Transmission, Rear Axle
4WD : Front Engine, Transmission, 4WD

Engine Code	Model	Transmission
Z24CM1 AZ24CM1	NISSAN PICKUP REGULAR BED NISSAN PICKUP LONG BED NISSAN PICKUP KING CAB	5 Speed Manual
Z24CM2 AZ24CM2	NISSAN PICKUP CAB & CHASSIS NISSAN PICKUP CAB & CHASSIS (DOUBLE TIRE) NISSAN PICKUP HEAVY DUTY LONG BED	5 Speed Manual
Z24CM3 AZ24CM3	NISSAN PICKUP REGULAR BED 4WD NISSAN PICKUP LONG BED 4WD NISSAN PICKUP KING CAB 4WD	5 Speed Manual
Z24CA AZ24CA	NISSAN PICKUP REGULAR BED NISSAN PICKUP LONG BED NISSAN PICKUP KING CAB	Automatic

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Eng. Family:

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
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__ Passenger Cars X Light-Duty Trucks __ Medium-Duty Vehicles X Gas __ Diesel

Manufacturer NISSAN MOTOR CO., LTD. E.O. NA-15-64

Engine Family DNS2.4T9FAC6 CID(liter) - Type 2.4 - In-line 4, OHC

ECS (Special Features) N.A. 1/

Engine Code	Vehicle Models *	Trans.	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
Z24CM1 AZ24CM1	PICKUP	M5	Distributor D4N82-08	Carburetor DFP384-1	BPT VALVE ATI75-7	Vehicle Emission Control Information 14805 10W00 Vacuum Hose Routing Diagram 22304 10W10
Z24CM2 AZ24CM2	CAB & CHASSIS HEAVY DUTY	M5	Distributor D4N82-10	Carburetor DFP384-11	EGR VALVE AEY76-70	Vehicle Emission Control Information 14805 10W05 Vacuum Hose Routing Diagram 22304 10W10
Z24CM3 AZ24CM3	PICKUP 4WD	M5	Distributor D4N82-11	Carburetor DFP384-21		Vehicle Emission Control Information 14805 10W00 Vacuum Hose Routing Diagram 22304 10W10
Z24CA AZ24CA	PICKUP	M5	Distributor D4N82-08	Carburetor DFP384-2		Vehicle Emission Control Information 14805 10W00 Vacuum Hose Routing Diagram 22304 10W00

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 17.03.00.00.

* See page before.

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17.03.00.00 Test Weight/Horsepower List

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
NISSAN PICKUP REGULAR BED	2,875 3,000	Frontal Area	N.A.	13.0
NISSAN PICKUP LONG BED	3,000 3,125			
NISSAN PICKUP KING CAB	3,000 3,125			
NISSAN PICKUP CAB & CHASSIS	3,875			22.5
NISSAN PICKUP CAB & CHASSIS (DOUBLE TIRE)	3,875			
NISSAN PICKUP HEAVY DUTY LONG BED	3,000 3,125			13.0
NISSAN PICKUP REGULAR BED 4WD	3,375			14.5
NISSAN PICKUP LONG BED 4WD	3,375 3,500			
NISSAN PICKUP KING CAB 4WD	3,375 3,500			

Note : The air-conditioning installation percentage is less than 33%.