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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.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
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:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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.

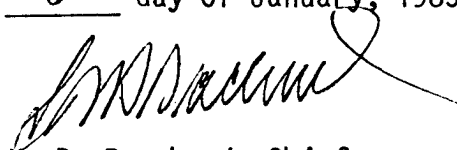
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

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 6<sup>th</sup> day of January, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

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NISSAN

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  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

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

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

Issue Date: <u>12/14/82</u>	<u>17.02-DNS2.4T9FAC6-1</u>			PAGE IS <input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY DATE <u>  </u> / <u>  </u> / <u>  </u> EPA REP
Revision <u>1/</u>	<u>12/20/82</u>			
Date				

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NISSAN

Eng. Family:

17.02.00.00 - cont.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

1/

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

Manufacturer   NISSAN MOTOR CO., LTD.   E.O. #A   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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Date					

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%.

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