State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-102
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 1986 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)
GNS2.4T5HACX	145.8	(2.4)	Exhaust Gas Recirculation Three-Way Catalyst and Oxidizing Catalyst with Closed Loop Air Injection Valve (Central 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:

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	0.12	3.7	0.3
4000-5999	0.10	4.5	0.3

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 1960.1.5 of Title 13, California Administrative Code which includes recall liability for 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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 Administrative Code, 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 10th day of December, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD.

Executive Order No. A-15-102

Engine Family GNS2.4T5HACX

Evaporative Family TBI - 1

Engine CID (Liters) 145.8 (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

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
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
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
EFI-Electronic Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

Engine Code	Model	Transmission
AZ24SCM6	Nissan Standard Regular Bed	5-Speed Manual
BZ24SCM6	Nissan Regular Bed	
	Nissan Long Bed	
	Nissan King Bed	
AZ24SCM7	Nissan Regular Bed 4X4	
BZ24SCM7	Nissan Long Bed 4X4	
	Nissan King Bed 4X4	
AZ24SCA6	Nissan Regular Bed	Automatic
BZ24SCA6	Nissan Long Bed	
	Nissan King Bed	

DRIVE SYSTEM: Front Engine/ 2 Rear & 4 -Wheel Drive

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E.O. #A-15-102

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD. Page 2

Engine Family GNS 2.4T5HACX Engine Code All

CID (Liter)- 145.8 (2.4)

ECS (Special Features) CFI/EGR/TWC/OC/CL/2 Plug Type In-line 4, OHC

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC Part No.	Fuel System CFI Part No.	EGR Valve Part No.	Label Ident. Part No
Z24SCM6	Std. Regular Bed	M5	3125	Distributor: D4P84-04 (HITACHI) T0T80671 (MITSUBISHI)	Control Unit: MECS-G011 Injection Body Assembly: RGA50-12	BPT Valve: ATI75-15 EGR Valve: AEY76-88	Vehicle Emission Control Information 14805 ~~04G00~~ 04G01 1/ Vacuum Hose Routing Diagram 22304 ~~04G00~~ 04G01 1/
	E, SE & XE Regular Bed E & XE Long Bed E King Bed		3250				
	SE Long Bed SE & XE King Bed		3375				
Z24SCM6	Std. Regular Bed E & XE Regular Bed E & XE Long Bed		3125				
	SE Regular Bed SE Long Bed E & XE King Bed		3250				
	SE King Bed		3375				
Z24SCA6	SE Regular Bed SE Long Bed	L4	3125		Control Unit: MECS-G016 Injection Body Assembly: RGA50-11		
	E & XE Regular Bed E & XE Long Bed		3250				
	E, SE & XE King Bed		3375				

Comments: See page one 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. If two test weights are listed, the lower weight will be used for testing.

1/ with R/C NO. G24T5HAC-01

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 12/09/85

Date of Revision - 1/30/85

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E.O. #A-15-102

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD. Page 3

Engine Family GNS 2.4T5 HACX Engine Code All

ECS (Special Features) CFI/EGR/AIV/TWC/OC/CL/2 Plug CID (Liter)- 145.8 (2.4) Type In-line 4, OHC

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC Part No.	Fuel System CFI Part No.	EGR Valve Part No.	Label Ident. Part No.
Z24SCA6	E & XE Regular Bed	L4	3125	Distributor: D4P84-04 (HITACHI) TOT80671 (MITSUBISHI)	Control Unit MECS-G016 Injection Body Assembly: RGA50-11	BPT Valve: ATI 75-15 EGR Valve: AEY 76-88	Vehicle Emission Control Information 14805 ~~04G00~~ 04G01 Vacuum Hose Routing Diagram 22304 ~~04G00~~ 04G01 1/
	SE Regular Bed E, SE & XE Long Bed E & XE King Bed		3250				
	SE King Bed		3375				
1Z24SCM7	E & XE Regular Bed 4x4 XE Long Bed 4x4	M5	3750		Control Unit: MECS-G011 Injection Body Assembly: RGA50-12		
	XE King Bed 4x4		3875				
3Z24SCM7	E & XE Regular Bed 4x4		3625				
	XE Long Bed 4x4		3750				
	XE King Bed 4x4		3875				

Comments: See page one 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. If two test weights are listed, the lower weight will be used for testing.

1/ with R/c No. G24T5HAC-01

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