State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-94
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 passenger cars:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
GNS1.6V9FAC1	97.5	(1.6)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

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

The following are the emission standards for this engine family:

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 this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.16	4.0	0.4

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 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 3rd day of July, 1985.

K. D. Drachand, Chief
Mobile Source Division

17.01.02.00 1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., Ltd. Executive Order No. A-15-94

Engine Family GNS1.6V9FAC1 Evaporative Family ECC-3 Page 1A

Engine CID (Liters) 97.5 (1.6)

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
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

BE16SCM1	SENTRA DELUXE 2-DOOR	M5 , L3
AE16SCM1	SENTRA XE 2-DOOR	
BE16SCA1	SENTRA DELUXE 4-DOOR	
AE16SCA1	SENTRA XE 4-DOOR	
	SENTRA XE COUPE	
	SENTRA DELUXE WAGON	
	SENTRA XE WAGON	
	PULSAR NX	
BE16SCM1	SENTRA STANDARD 2-DOOR	M5
AE16SCM1	SENTRA SE COUPE	

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

Issue Date: 6/05/85
Revision Date:

17.01.02.00 - cont.

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AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., Ltd.

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Engine Code

Engine Family GNS1.6V9FAC1

CID (Liter)-Type 97.5(1.6) - L4

ECS (Special Features) ECC/EGR/AIV/TWC/CL

Engine Code	Vehicle Models	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
BE16SCM1 AE16SCM1	SENTRA	M5	2250 2375	HITACHI D4R82-12	HITACHI DFC328-3	AEY76-68	Vehicle Emission Control Information 14805 ~~31M15~~ 31M16 2/
BE16SCA1 AE16SCA1	PULSAR	L3	2375	HITACHI D4R82-24	HITACHI DFC328-4	AEY76-69	Vacuum Hose Routing Diagram 22304 31M02 2/

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 on 17.01.03.00. If two test weights are listed, the lower weight will be used for testing.

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

Issue Date: 6/05/85

Revision Date: 08/01/85 1/

1/30/86 2/

1/ With R/C No. G16V9FAC-01

2/ with R/C No. G16V9FAC-02

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17.01.03.00 Test Weight/Horsepower List

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Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
SENTRA STANDARD	2,250	Coastdown	8.2	7.5
SENTRA DELUXE SENTRA XE	2,250			
	2,375			
SENTRA COUPE	2,375		8.0	7.3
SENTRA WAGON	2,375		8.8	8.0
PULSAR NX	2,375		8.4	7.6