State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-77
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 diesel-powered passenger cars:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
ENS1.7D6JAC6	103	(1.7)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle models, transmissions and engine codes are 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 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
0.41	7.0	1.0

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
0.22	1.4	0.6

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's 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 17th day of February, 1984.

K. D. Drachand, Chief
Mobile Source Division

17.01.02.00 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-115-77

Engine Family ENS1.7D6JAC6 Evaporative Family N.A.

Engine CID (Liters) 103 C.I.D. (1.7 Liters)

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
ECC-Electronic Control Carburetor

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

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

VEHICLE MODELS:

	NISSAN SENTRA 2 DOOR SEDAN MPG DELUXE DIESEL	4 Speed Manual
BC17DCM1 AC17DCM1	NISSAN SENTRA 2 DOOR SEDAN DELUXE DIESEL	5 Speed Manual
	NISSAN SENTRA 4 DOOR SEDAN DELUXE DIESEL	5 Speed Manual
	NISSAN SENTRA 4 DOOR WAGON DELUXE DIESEL	5 Speed Manual

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

Issue Date: 12/14/83
Revision Date:

17.01.02.00- cont.

E.O. #A-15-77

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD. Page 2

Engine Family ENS1.7D6JAC6 Engine Code BC17DCM1, AC17DCM1

CID (Liter)- 103 C.I.D. (1.7 Liters)

ECS (Special Features) EGR/DI Type L-4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
AC17DCM1	NISSAN SENTRA DIESEL	M4	2375	None	Fuel Injection Pump NP-VE4/ 8F2500 LNP177 Injector 71-1360	EGR Control Valve AEY76-59 EGR Control Unit DECM1-12 Throttle Body RDB50-2	Vehicle Emission Control Information 14805 18A15
BC17DCM1		M5	2375 2500			EGR Control Valve AEY76-59 EGR Control Unit DECM1-13 Throttle Body RDB50-2	Vacuum Hose Routing Diagram 22304 18A00

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: 12/14/83
Revision Date:

17.01.03.00 Test Weight/Horsepower List

Engine Family ENS 1.7 D6JAC6

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
2 DOOR SEDAN MPG 2 DOOR SEDAN	2375	Coastdown	8.1	7.4
4 DOOR SEDAN	2500		8.4	7.6
4 DOOR WAGON			8.8	8.0