

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-85
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, 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 1985 model-year Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for diesel-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FNS2.5K6JAC4	152 (2.5)	Engine Modifications 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".

<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>	<u>Particulates Grams per Mile</u>
0-3999	0.41	9.0	1.0	0.4

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>	<u>Particulates Grams per Mile</u>
0-3999	0.17	0.8	0.8	0.2

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 10th day of August, 1984.



K. D. Drachand, Chief
Mobile Source Division

17.01.02.00 1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD Executive Order No. A-15-85
 Engine Family FNS2.5K6JAC4 Evaporative Family N.A.
 Engine CID (Liters) 152 (2.5)

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
 1V-nVenturi Carburetor
 1VV-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:

<u>Engine Code</u>	<u>Model</u>	<u>Transmission</u>
BS25DCM1	TRUCK KING CAB DIESEL	M5
AS25DCM1		

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

Issue Date: 04/16/84
 Revision Date:

17.01.02.00 - cont.

E.O. #A -15-85

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD Page _____
 Engine Family FNS2.5K6JAC4 Engine Code BS25DCM1, AS25DCM1
 CID (Liter)- _____
 ECS (Special Features) EGR/DI Type 152 (2.5)/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.
BS25DCM1	TRUCK KING CAB DIESEL	M5	3250	N.A.	Injection Pump NP-PES4A65C 412RS2000 (Pump Ass'y)	V.V.T. Valve AVI76 EGR Valve EVT54-3	Vehicle Emission Control Information 14805 83W00 Vacuum Hose Routing Diagram 22304 64W01
AS25DCM1			3375		NP-EP/SCD900 -2100A6 (Timer Ass'y) Injection Nozzle NP-DNOSDN199	Vacuum Amplifier V76820	

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: 04/16/84
 Revision Date:

E.O. # A-15-85

17.01.03.00 Test Weight/Horsepower List

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
KING CAB	3250	Coastdown	N.A.	10.6
	3375			

Issue Date: 04/16/84
Revision Date: