State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-104
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 1987 model-year Nissan Motor Co., Ltd. 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)
HNS3.0V5FACX	180.6	(3.0)	Exhaust Gas Recirculation Air Injection-Valve Three-Way Catalyst with Closed Loop (Electronic 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:

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
0.23	2.8	0.5

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 February, 1986.

K. D. Drachand, Chief
Mobile Source Division

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-104

Engine Family HNS3.0V5FACX Evaporative Family FIG-1

Engine CID (Liters) 180.6 (3.0)

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
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

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV--Venturi Carburetor
VV [redacted] nturi

VEHICLE MODELS:

ENGINE CODE	CAR LINE	TRANSMISSION
AV30ECM1,AV30ECM1-R2	MAXIMA SEDAN	5-speed Manual
AV30ECA1,AV30ECA1-R2	MAXIMA SEDAN	Automatic
AV30ECA1,AV30ECA1-R2	MAXIMA WAGON	Automatic

DRIVE SYSTEM: FRONT Engine/FRONT -Wheel Drive

01 04 Issue Date: 12/06/85
Revision Date: 05/20/86 (RC#H30V5FAC-02)

E.O. #A-15-104

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD Page 2

Engine Family HNS3.0V5FACX Engine Code AV30ECM1,AV30ECA1

ECS (Special Features) EFI/EGR/AIV/TWC/CL/EEC CID (Liter)-Type 180.6 (3.0) - V6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident Part
AV30ECM1 AV30ECM1-R2	MAXIMA SEDAN	M-5	3375	Distributor D6P84-01 (Hitachi) T5T61372 (Mitsubishi)	Control Unit (M/T) A18-664 (A/T) A18-665 Air Flow Meter A36-000	EVK72-74	Vehicle Emissic Control Informa tion 14805 16E15 14805 16E16
AV30ECA1 AV30ECA1-R2	MAXIMA SEDAN	L4	3500		Injector (JECS) A46-000 (DKC) A46-00000	EVK72-70	Vacuum Hose Routing Diagram 22304 16E01
	MAXIMA WAGON		3625.				22304 16E02

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.

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

Date [illegible]e - 12/06/85

Date of Revision - 01-30-86 (RC#H30V5FAC-01)
05-20-86 (RC #H30V5FAC-02)

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1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. # A-15-104

Manufacturer NISSAN MOTOR CO., LTD.

Engine Family HNS3.0V5FACX

Evaporative Family FI6-1

Engine Type V-6 , OHC

Liters (CID) 3.0 (180.6)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

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
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
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
IC-Intercooler or aftercooler
MFI-Mechanical Fuel Injection
TC-Turbocharger

FI, CL, DID, DIP, EFI, MFI
V-nVenturi Carburetor

EHICLE MODELS:

Engine Code	Model	Transmission
AV30ECM3	300ZX GS 2-SEAT COUPE 300ZX GS 2+2 COUPE	5-speed Manual
AV30ECA3	300ZX GS 2-SEAT COUPE 300ZX GS 2+2 COUPE	Automatic

gine: Front X Mid. _____ Rear _____

_____ RWD X 4WD Full Time _____ 4WD Part Time _____

sue Date : 05/10/86 with R/C No.H30V5FAC-03

evision Date :

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O. # A-15-104

Passenger Cars X Light-Duty Trucks ____ Medium-Duty Vehicles ____ Gas X Diesel ____ Page 2.1

Manufacturer NISSAN MOTOR CO., LTD. Engine Family HNS3.0V5FACX

Liter (CID) 3.0 (180.6) Eng. Type V-6 , OHC

Emission Control Sys. (Special Features) EFI/EGR/AIV/TWC/CL/ECCS

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
AV30ECM3	300 ZX GS 2-Seat Coupe (7.7)	M5	3500	Distributor (Crank angle) sensor D6P82-03 (HITACHI) T5T61174 (MITSUBISHI)	Control unit A18-678(M/T) A18-679(A/T) Air flow meter A36-000 Injector A46-000 (JECS) A46-00000 (DKC)	EVK72-61	20802V8000 20802V8005 20802V8010 20802V8015
	300 ZX GS 2-Seat Coupe T-bar Roof (7.7)						
	00 ZX GS 2+2 Coupe T-bar Roof (7.7)		3625				
AV30ECA3	300 ZX GS 2-Seat Coupe (7.7)	L4	3500			EVK72-73	
	300 ZX GS 2-Seat Coupe T-bar Roof (7.7)						
	300 ZX GS 2-Seat Coupe T-bar Roof (7.7)		3625				
	300 ZX GS 2+2 Coupe T-bar Roof (7.7)						

mments: See page one for abbreviations and evaporative emission family identification. ease refer to manufacturer's HP list for correct dyno test HP settings based on model and uipment. If two test weights are listed, the lower weight will be used for testing.

ssue Date : 05/10/86 with R/C No.H30V5FAC-03

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