State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-31
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
L241/281C	146/168	Exhaust Gas Recirculation Oxidation Catalyst (Electronic Fuel Injection)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
L241/281C	0.34	4.5	1.3

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 except Motorcycles".

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.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 20 day of September, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Manufacturer Nissan Motor Co. Executive Order No. #A-15-31 Page 1

Engine Family L241/281C Engine (CID) 146/168

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Engine Code	Model
L241CM	Datsun 810 4-door Sedan
AL241CM	Datsun 810 2-door Hardtop 5-speed
	Datsun 810 5-door Wagon
L241CA	Datsun 810 4-door Sedan
AL241CA	Datsun 810 20door Hardtop
	Datsun 810 5-door Wagon
L281CM	Datsun 280ZX
AL281CM	Datsun 280ZX 5-speed
	Datsun 280ZX Grand Luxury 5-speed
	Datsun 280ZX 2+2 5-speed
	Datsun 280ZX 2+2 Grand Luxury 5-speed
L281CA	Datsun 280ZX
AL281CA	Datsun 280ZX Grand Luxury
	Datsun 280ZX 2+2
	Datsun 280ZX 2+2 Grand Luxury

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[x] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family L241/281C Engine (CID) 146/168 Engine Code

Emission Control System EFI, EGR, OC + 10% (A/C) Yes X No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA,EI Distributor Part Number	Fuel System EFI Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
L241 CM AL241 CM	810	M4 M5	3000	Hitachi D6K8-08	Control Unit A11-607 Air Flow Meter A31-611 Injector A46-000	EVK72-42	(1) 10° BTDC @ 650D 700N (2) 0.5% CO or lower (3) 650D, 700N Manual, Neutral (N) Automatic, Drive (D)
L241 CA AL241 CM		A3		Hitachi D6K8-09			
L281 CM AL281 CM	280ZX	M4 M5		Hitachi D6K8-05	Control Unit A11-604 Air Flow Meter A31-609 Injector A46-000		(1) 10° BTDC @ 700D, 800N (2) 0.5% CO or lower (3) 700D, 800N Manual - Neutral (N) Automatic - Drive (D)
L281 CA AL281 CA		A3		Hitachi D6K8-06			

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, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

Date of Issue -