## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-15-231 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 1993 model Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PNS2.4V5FBC5 Displacement: 2.4 Liters (145.8 Cubic Inches)

## Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter

Oxygen Sensor

Exhaust Gas Recirculation

Sequential Multiport Fuel Injection

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

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	
	Hydrocarbons	<u>Monoxide</u>	Oxides	
50,000	0.25	3.4	0.4	
100,000	0.31	4.2	n/a	

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	
	Hydrocarbons	<u>Monoxide</u>	Oxides	
50,000	0.18	1.9	0.3	
100,000	0.20	2.4	n/a	

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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 Code of Regulations, 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, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 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 Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 Code of Regulations, 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 20 day of April, 1992.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

17.11.00	1993 AIR RESOUR	CES BOA	RD SUPPI	LEMENTAL DAT	A SHEET Pas	ge1	
Manufactu	rer: NISSAN MOTO	R CO.,	LTD.	Engine Fami	ly: PNS2.4V5	PBC5_	
Pass Cars	X Lt-Duty Tr	ucks	Med-I	Outy Vehicle	s Gas	C Diesel	
Eng.Type_	DOHC Lit	ter (CII	0) _ 2.4	(145.8)	Evap.Family_	714-2	
Emission (	Control Sys.(Use	SAE Abi	brv.)	rwc/o2s/egr/	SMPI SFI	ni wa sin da da sa	
Engine:Fro	ont X Mid.	Rear	Dr	ive:FWD_X_	RWD 4W	)-FT 4\	JD-PT
Engine  Code/	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv.   Test	RLHP or DPA	l .	EGR Valve	<b>}</b>
AK24DCA3	SEDAN	L4	3250	7.9	(AUTECS)                         (JECS)     JA11D10		
	STANZA ALTIMA		7.2   JA11C35   AUTECS)   7.6   EC   A11-D09   EV   JECS)	7.2			
	STANZA ALTIMA GLE 4-DOOR SEDAN						
	STANZA ALTIMA GXE 4-DOOR SEDAN			, 1 1 1			
BK24DCA3   -R1   (Note 1)   1/			3250	7.2	A11-D32   (JECS)   JA11D36   (AUTECS)   (Note 2)		
BK24DCA3   -R2   (Note 2)   2/			ł !		2/   		

\*\*The figures and numbers in the place of the mark x are variable according to lot number and production date.

1/ Note 1 : After R/C No.P24V5FBC-01 2/ Note 2 : After R/C No.P24V5FBC-02 1/ with R/C No.P24V5FBC-01 2/ with R/C No.P24V5FBC-02

Issue Date: 03/31/92

Revision Date: 1/06/22/92 2/01/22/93