State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-284
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 Nissan Motor Co., Ltd. 1995 model-year exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: SNS3.028GEEA Displacement: 3.0 Liters (180.6 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Warm Up Three Way Catalytic Converter
Heated 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 (alternative in-use compliance standards in parentheses) for this engine family in grams per mile are:

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.32 (.41)	4.4 (6.7)	0.7 (n/a)
	100,000	0.40 (n/a)	5.5 (n/a)	n/a

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

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.20	2.3	0.3
	100,000	0.22	2.5	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth 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 under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance as set forth 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 submitted alternative in-use compliance plan satisfies the requirement that a maximum of 60 percent of the manufacturer's projected sales of 1995 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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 2235) 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 listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines," Title 13, California Code of Regulations, Section 1968.1(m)(2.0) 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 provisions (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 28th day of July, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A15-284

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: NISSAN MOTOR CO., LTD. Exh Engine Family: SNS3.028GEEA

Evap Std: 50K X Useful Life with R/L Evap Engine Family: SNS1057BYM0B

Exh Std: Tier-0 Tier-1 X TLEV LEV ULEV ZEV ; EPA Tier-0 Tier-1

Veh Class(es): PC LDT1 LDT2 X MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV

Exh Cert Fuel(s): Indo X Ph2 Diesel: 13 CCR 2282 or 40CFR 86.113-90 or -94

M85 CNG LPG Other (specify)

Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Gasoline X Diesel M85

CNG LNG LPG Other (specify)

Hybrid: Type A B C , APU Cycle (e.g., Otto, Diesel, Turbine)

Engine Configguration: V6 Displacement: 3.0 Litters 180.6 Cubic Inches

Engine: Front X Mid Rear Drive: FWD RWD 4WD-FT 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC/WUTWC/HO2S/EGR/SFI

(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/ 50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No. ***
AV3CEAA1	NISSAN 4x4 XE-V6 KING CAB TRUCK	A4	4250		MECM-V220	EGR Valve AEY77-77	
	NISSAN 4x4 SE-V6 KING CAB TRUCK		4500	16.0			(WUTWC) 7xx,xx1 7xx,xx2
AV3CEAM1	NISSAN 4x4 XE-V6 KING CAB TRUCK	M5	4250		MECM-V237	EGR Valve AEY77-66	(TWC) 2xx,xxB Bxx,xxE
	NISSAN 4x4 SE-V6 KING CAB TRUCK						

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

Issue Date : 05/16/94

Revision Date :

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PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: NISSAN MOTOR CO., LTD. Exh Engine Family: SNS3.028GEEA

Evap Std: 50K X Useful Life with R/L Evap Engine Family: SNS1057BYMOB

Exh Std: Tier-0 Tier-1 X TLEV LEV ULEV ZEV ; EPA Tier-0 Tier-1 X

Veh Class(es): PC LDT1 LDT2 X MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4

Exh Cert Fuel(s): Indo X Ph2 Diesel: 13 CCR 2282 or 40CFR 86.113-90 or -94

M85 CNG LPG Other (specify)

Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Gasoline X Diesel M85

CNG LNG LPG Other (specify)

Hybrid: Type A B C , APU Cycle (e.g., Otto, Diesel, Turbine)

Engine Configguration: V6 Displacement: 3.0 Litters 180.6 Cubic Inches

Engine: Front X Mid Rear Drive: FWD RWD X 4WD-FT 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC/WUTWC/HO2S/EGR/SFI

(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/ 50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No. ***
AV30EAA1	NISSAN			16.0			
	PATHFINDER		4000	----			
BV30EAA1	XE-V6 4x2			14.5			
AV30EAA1	NISSAN			16.0			
	PATHFINDER		4250	----			(WUTWC)
BV30EAA1	XE-V6			14.5		EGR Valve	7xx,xx1
		A4		----	MECM-V260	AEY77-77	7xx,xx2
AV30EAA1	NISSAN			16.0			(TWC)
	PATHFINDER		4500	----			2xx,xxB
BV30EAA1	SE-V6			14.5			Bxx,xxE
AV30EAA1	NISSAN			16.0			
	PATHFINDER		4500	----			
BV30EAA1	LE-V6			14.5			

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Evap Std: 50K X Useful Life with R/L Evap Engine Family: SNS1057BYM0B

Exh Std: Tier-0 Tier-1 X TLEV LEV ULEV ZEV ; EPA Tier-0 Tier-1

Veh Class(es): PC LDT1 LDT2 X MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV

Exh Cert Fuel(s): Indo X Ph2 Diesel: 13 CCR 2282 or 40CFR 86.113-90 or -94

M85 CNG LPG Other (specify)

Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Gasoline X Diesel M85

CNG LNG LPG Other (specify)

Hybrid: Type A B C , APU Cycle (e.g., Otto, Diesel, Turbine)

Engine Configguration: V6 Displacement: 3.0 Litters 180.6 Cubic Inches

Engine: Front X Mid Rear Drive: FWD RWD X 4WD-FT 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC/WUTWC/HO2S/EGR/SFI

(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/498T/ 50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No. ***
AV30EAM1	NISSAN			16.0			
	PATHFINDER		4000	----			(WUTWC)
BV30EAM1	XE-V6 4x2			14.5			7xx,xx1
				----			7xx,xx2
AV30EAM1	NISSAN			16.0		EGR Valve	(TWC)
	PATHFINDER	M5	4250	----	MECM-V277	AEY77-66	2xx,xxB
BV30EAM1	XE-V6			14.5			Bxx,xxE

AV30EAM1	NISSAN			16.0			
	PATHFINDER		4500	----			
BV30EAM1	SE-V6			14.5			

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