State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-276-9
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

NISSAN DIESEL MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Nissan Diesel Motor Co., Ltd. 1992 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Engine Family	Displacement Liters (Cubic Inches)		Exhaust Emission Control Systems and Special Features
NND0452FAC9	7.4	(452)	Powertrain Control Module Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

The following are the certification emission standards for this engine family:

Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr	Particulates gm/bhp-hr
1.3	15.5	5.0	0.25

The following are the certification emission values for this engine family:

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr	Particulates gm/bhp-hr
NND0452FAC9	0.7	1.5	4.2	0.20

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 provisions (Health and Safety Code Section 43205.5).

Engines 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 attachments.

Executed at El Monte, California this 27th day of March, 1991.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Section 16.00.00.00 Request for Certificate
03.00.00 Certification Information

E.O.# A-276-9
Page 1

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer NISSAN DIESEL MOTOR CO.,LTD. Engine Family NND0452FAC9

Liters (CID) 7.412 (452) Fuel Type Diesel Engine Config. Inline 6

Exhaust ECS & Special Features PCME, TC,CAC
(Use abbreviations per SAE J1930 June88)

Engine Model (Eng.Code)	Fuel Pump Mfr.P/N	Injector Mfr. P/N	Rated HP @ RPM	Fuel Rate @ Rated HP cc/stroke (mm3/stroke)	Part. Trap/ Catalyst Mfr. P/N
NE6TA (NE6TA)	ZEXEL* CORPORATION 16713 95169	ZEXEL* CORPORATION 16600 95017	240 HP @2800 RPM	0.1116 (111.6)	N.A.

Revisions:
042090

* : 'ZEXEL CORPORATION' --- name changed from 'DIESEL KIKI CO., LTD.'

Isssue Date : 3/1/91
Revision No. :
Date :