

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-13
Relating to Certification of New Motor Vehicle Engines

NISSAN DIESEL MOTOR COMPANY, LIMITED

Pursuant to the authority vested in the Air Resources Board by Sections 39018, 39600, 39601, 43106, and 43102 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 Nissan Diesel Motor Company, Limited 1976 model-year diesel-powered engines in heavy-duty vehicles are certified for the engine family described below:

<u>Engine Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Type</u>
SD331	198	Code 4000 Code 3800	Inline 6-Natural Aspiration

Section 43200, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
SD331	9	8

Engines 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 27 day of February, 1976.


G. C. Hass, Chief
Division of Vehicle Emissions Control

**AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES**

MANUFACTURER: NISSAN DIESEL MOTOR CO., LTD. EXECUTIVE ORDER NO. 15-13 PAGE NO. 1

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No.	Injectors Mfgr. Part No.	Tune-Up Specification		Remarks (Emission System)
						Max Rated H.P. and RPM	Initial Injection Timing	
SD 331	Code 4000	198	NA	Diesel kiki 16700 90814	Diesel kiki 16600 37502	90 HP @ 4000 RPM	20° BTDC @ 600 RPM	Fuel Rate (1) 38.0 (2) 50.8
	Code 3800					89 HP @ 3800 RPM	20° BTDC @ 600 RPM	Fuel Rate (1) 38.2 (2) 48.6

Abbreviations:

- *N.A. - Natural Aspiration
 - T.C. - Turbocharged.
 - T.C.A. - Turbocharged and After-cooled.
- Fuel Rate at Maximum Horsepower
(1) $\frac{\text{mm}^3}{\text{stroke}}$
(2) lbs/hour