

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-21
Relating to Certification of New Motor Vehicle Engines

NISSAN DIESEL MOTOR COMPANY LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 43100 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 1977 model-year diesel-powered engines in heavy-duty motor 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>
SD 331	198	SD 33	Natural Aspiration

Section 43200, Part 5, 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 decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
SD 331	Not Applicable	4	0.4	3.4

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 19 day of January, 1977.


G. C. Hass, Chief
Vehicle Emissions Control Division

Manufacturer NISSAN DIESEL MOTOR CO., INC. Executive Order No. A-15-21 Page 1Engine Family SD 331 Engine (CID) 198Emission Control Systems -- Type NA

Engine Model	Fuel Pump Mfgr. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP	Basic Initial Timing
SD 33	Diesel Kiki 16700 X3691-5 *16700 90909 #16700 90910	Diesel Kiki 16600 90019	89 @ 3800	38 ⁽¹⁾ 48.3 ⁽²⁾	20° BTDC @ 600 RPM

Comments (1) $\frac{\text{mm}}{\text{stroke}}$, (2) LB/HR.
 *See R/C EX381-77-043
 #See R/C 77RC-2

Date of Issue

Abbreviation

Type

NA - Natural Aspiration

TC - Turbocharged

TCA - Turbocharged and Aftercooled