

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-276-4  
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. 1988 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

<u>Engine Family</u>	<u>Displacement</u> <u>Cubic Inches (Liters)</u>		<u>Exhaust Emission Control Systems</u> <u>(Special Features)</u>
JND0423EAB9	423	(6.9)	Engine Modification (Turbocharger) (Diesel Injection - Direct)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

<u>Hydrocarbons</u> <u>gm/bhp-hr</u>	<u>Carbon</u> <u>Monoxide</u> <u>gm/bhp-hr</u>	<u>Nitrogen Oxides</u> <u>gm/bhp-hr</u>	<u>Particulates</u> <u>gm/bhp-hr</u>
1.2	2.5	5.5	0.3

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 regulations (Title 13, California Administrative Code, Section 2036).

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.

Executed at El Monte, California this \_\_\_\_\_ day of July, 1987.

*[Signature]*  
K. D. Drachand, Chief  
Mobile Source Division

## Section 16.03.00.00 Certification Information

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HEAVY-DUTY DIESEL ENGINES

Manufacturer NISSAN DIESEL MOTOR CO.,LTD. Engine Family JND0423EAB9  
 Liters (CID) 6.925 (423) Engine Type Inline 6  
 Emission Control Sys. and (Special Features) EM

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP at RPM	Fuel Rate mm3/stroke (lbs/Hr)	Maximum Rated Torque at RPM	Fuel Rate mm3/stroke (lbs/Hr)
FE6T	DIESEL KIKI CO.,LTD 16713 Z5678	DIESEL KIKI CO.,LTD. 16600 Z5570	180 HP @ 3000 RPM	71.5 (72.0)	332 lbs.ft @ 1800 RPM	64.4 (38.9)

Issue Date	May 22, 1987		
Revision No.			
Date			