

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-276-11

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. 1994 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
RND423D6DAAA (FE6TA)	6.9 (423)	Turbocharger Oxidation Catalytic Converter Charge Air Cooler Engine Control Module

Engine models and codes are listed on attachments.

The following are the certification exhaust emission standards for this engine family in grams per brake horsepower-hour:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.10

The following are the certification exhaust emission values for this engine family in grams per brake horsepower-hour:

<u>Engine Family</u>	<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
RND423D6DAAA	1.2	5.1	4.7	0.09

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted 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.).

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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 27<sup>th</sup> day of April, 1994.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

FROM

(THU) 04/14/94 15:30 ST. 15:26 NO. 3532727711 P 11

Section 16.00.00.00 Request for Certificate  
.03.00.00 Certification Information

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1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINE

Manufacturer NISSAN DIESEL MOTOR CO., LTD. Engine Family RND42306DAAA

Liters (CID) 6.925 (423) Fuel Type Diesel Engine Config. Inline 6  
(6 cylinders)

Emission Control Sys. & Special Features ECM, TC, CAC, OC  
(Use abbreviations per SAE J1930 Sep. 81)

Engine Model (Eng. Code)	Fuel Pump Mfr. P/N	Injector Mfr. P/N	Rated HP @ RPM	Fuel Rate @ Rated HP cc/stroke (mm <sup>3</sup> /stroke)	Part Catalyst Mfr. P/N	Part. ECM Mfr. P/N
FE8TA (FE8TA)	ZEXEL CORPORATION a* 16713 Z6316	ZEXEL CORPORATION 16600 Z5814	210 HP @2600 RPM	0.0846 (84.8)	DALSONIC CORPORATION 20800 Z5501	ZEXEL CORPORATION 25847 Z5504
	ZEXEL CORPORATION b* 16713 Z5317					

a\* and b\* ----- No difference exists with regard to the emission-related specifications of the injection pump component between these two injection pump assembly part numbers.

a\* : for Manual Transmission  
b\* : for Automatic Transmission

Issue Date : 2/21/94  
Revision No. :  
Date :