State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-276-25

Relating to Certification of New Heavy-Duty Engines and Vehicles

NISSAN DIESEL MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2000

Fuel Type: Diesel

Engine Family		lacement <u>Cubic Inches</u>	Exhaust Emission Control Systems and Special Features
YNDXH06.9FAB	6.9	419	Turbocharger Charge Air Cooler Electronic Control Module Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	Total	Carbon	Nitrogen	Particulate
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	<u>Matter</u>
Standard	1.3	15.5	4.0	0.10
Certificatior	n 0.2	1.6	3.8	0.09

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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, Sections 2035 et seq.).

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 _/0+ day of May 2000.

R. B. Summerfield, Chief Mobile Source Operations Division

Engine Model Symmary Form

ATTACHMENT

EO: A-276-25

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Engine category: On-highway HDDE EPA Engine Famy: YNDXH06.9FAB

Nissan Diesel Motor Co., Ltd.

Manufacturer:

Mfr Family Name: N/A

Process Code: New Submission

8.Fuel Rate: 9.Emission Control (Ibs/hr)@peak torque Device Per SAE J1930	50.0@1600 OC,TC,CAC,ECM 48.4@1600 OC,TC,CAC,ECM
8.Fuel Rate: (lbs/hr)@peak torqu	50.0@1600 48.4@1600
7.Fuel Rate: mm/stroke@peak torque	93.4@1600 90.4@1600
6.Torque @ RPM (SEA Gross)	492@1600 470@1600
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	86.1@2600 86.1@2600
4.Fuel Rate: 5.Fuel Rate: 6.Torque @ RPM 3.BHP@RPM mm/stroke @ peak HP (lbs/hr) @ peak HP 6.Torque @ RPM (SAE Gross) (for diesel only) (SEA Gross)	99.0@2600 99.0@2600
3.BHP@RPM п (SAE Gross)	225@2600 225@2600
1 Engine Code 2.Engine Model	FE6TA-U1 FE6TA-U2
1 Encine Code	FE6TA-U1 FE6TA-U2