State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-276-16

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-45-9;

IT IS ORDERED AND RESOLVED: That the following 1996 model-year Nissan Motor Co., Ltd. diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	Engine Displacement <u>Liters (Cubic Inches)</u>		Exhaust Emission Control Systems and Special Features		
TND423D6DAAA	6.9	(423)	Turbocharger Charge Air Cooler Oxidation Catalytic Converter 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:

Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen <u>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:

Engine <u>Family</u>	Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
TND423D6DAAA	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.).

NISSAN DIESEL MOTOR CO., LTD.

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 3/2

R. B. Summerfield

Assistant Division Chief Mobile Source Division

day of January 1996.

E.O.#A-276-16

199 6 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL-STANDARD ENGINES

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Displacement: All Eng Codes Ignition: Co Fuel Type(s): Diesel Cert Fo Maximum Rated	6.925 in Eng Famil mpression_X Dedicated_X LNG LP uel: 13 CCR Power: 2	L MOTOR CO. LTI /L y: CA 49S	iters 50S_X Str pression with Dual-Fuel M100 Ot 0 CFR 86.1313 2800 R	okes/Cycle:_4 Glow Plug Bi-Fuel_ her (specify) -90 4 PM Fngin	CCValves/CDiesel_> O CFR 86.1	ylinder: 2
Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate [©] 3Rated HP mm ³ / stroke (lbs/hr)	Fuel Pump	ECM/PCM	EGR Valve Part No.	PTOX / Catalytic Converter
FESTA (FESTA)	210 HP @2800 RPM	94. 8 (89. 1)	Fuel Pump a* 16713 Z6564 b* 16713 Z6565	1		Part No. Catalyst 20800 Z550
ŗ			Injector 16600 Z5614			

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

Revisions: