State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-184

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION

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 Navistar International Transportation Corporation 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 Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
TNV466D6DARB	7.6	(466)	Turbocharger Charge Air Cooler Smoke Puff Limitter

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 Monoxide	Nitrogen Oxides	Particulates
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 Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
TNV466D6DARB	0.2	1.3	5.0	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.).

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 21ST day of December 1995.

John Kowalski for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A - 4 - 184

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer Navistar International Transportation Corp. Engine Family (DT-466,DT-466HT) TNV466D6DARB

Displacement : 7.6 / Liters 466 / Cubic Inches

Ignition: Compression X Compression with Glow Plug ___ Spark ___

Fuel Type(s) Dedicated X Flex-Fuel ___ Dual-Fuel ___ Bi-Fuel ___ Diesel X CNG ___

LNG ___ LPG ___ M85 ___ M100 ___ Other (specify) ___

Diesel Cert Fuel: 13 CCR 2282 ___ 40 CFR 86.1313-90 ___ 40 CFR 86.1313-94 X

Maximum Rated Power: 230 HP @ 2300 RPM Engine Configuration I-6

Exhaust ECS (include. MFI, TC, CAC) : EM DI TC CAC SPL
(Use abbreviations per SAE J1930 SEP91)

Engine Mode (Eng. Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm^3 / stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM / PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
DT-466						
A230 (A230)	230 @ 2300	114.9 (88.5)	Pumps 1823108C91 Nozzles 1823759C91			
A210 (A210)	210 @ 2300	106.3 (81.9)	Pumps 1823107C91 Nozzles 1823759C91			
A190 (A190)	190 @ 2300	97.4 (75.0)	Pumps 1823106C91 Nozzles 1823757C91			
A175 (A175)	175 @ 2300	90.9 (70.1)	Pumps 1823105C91 Nozzles 1823757C91			
DT-466HT						
A210 (A210)	210 @ 2300	103.5 (79.4)	Pumps 1823135C91 Nozzles 1823761C91			
A195 (A195)	195 @ 2300	96.1 (74.0)	Pumps 1823109C91 Nozzles 1823761C91			

Date Issued : 11/27/95

Revisions :