State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-186

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
TNV466D8DARB	7.6	(466)	Turbocharger 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:

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
TNV466D8DARB	0.3	1.6	4.8	0.07

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 26th day of December 1995.

John Kourkili for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-4-186

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

Manufacturer Navistar International Transportation Corp. Engine Family (DT-466E,DT-466E HT) TNV466D8DARB

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 , ECM
(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	127.1 (98.0)	Injectors 1824740C91	ECM 1807362C1		
A210 (A210)	210 @ 2300	116.3 (89.6)	Injectors 1824740C91	ECM 1807362C1		
A190 (A190)	190 @ 2300	101.2 (78.0)	Injectors 1824739C91	ECM 1807362C1		
A175 (A175)	175 @ 2300	94.6 (72.9)	Injectors 1824739C91	ECM 1807362C1		
DT-466HT						
A210 (A210)	210 @ 2300	109.1 (84.1)	Injectors 1824740C91	ECM 1807361C1		
A195 (A195)	195 @ 2300	101.3 (78.1)	Injectors 1824740C91	ECM 1807361C1		

Date Issued: 11/30/95

Revisions: