

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-170

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-45-3;

IT IS ORDERED AND RESOLVED: That the following 1995 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

<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
SNV466D6DARA	7.6 (466)	Turbocharger Smoke Puff Limiter Charge Air Cooler

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>
SNV466D6DARA	0.2	1.2	4.9	0.10

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, 1994.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL-STANDARD ENGINES

(DT-466,DT466HT)

Manufacturer Navistar International Transportation Corp. Engine Family SNV466D6DARA

Displacement: 7.6 /          Liters 466 /          Cubic Inches

Maximum Rated Power: 210 HP @ 2300 RPM Engine Configuration: I-6

Ignition: Compression X Compression with Glow Plug          Spark         

Fuel Type(s): Dedicated          Flex-Fuel          Dual-Fuel          Diesel X M100          M85         

CNG          LNG          LPG          Other (specify)         

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

Primary Intended Service Class: LHD          MHD X HHD          Urban Bus         

Exhaust ECS (incl. 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 <sup>3</sup> /stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
DT-466HT A210 (A210)	210 @ 2300	103.5 (79.4)	Pumps 1823135C91 Nozzles 1823761C91			
DT-466HT A195 (A195)	195 @ 2300	96.1 (74.0)	Pumps 1823109C91 Nozzles 1823761C91			
DT-466 A190 (A190)	190 @ 2300	97.4 (75.0)	Pumps 1823106C91 Nozzles 1823757C91			
DT-466 A175 (A175)	175 @ 2300	89.7 (69.1)	Pumps 1823105C91 Nozzles 1823757C91			

Date Issued:

Revisions:          |          |          |          |          |