State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-217

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 1999 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
XNVXH0466ANA	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:

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	4.0	0.10

The following are the certification exhaust emission values for this engine family in grams per brake horsepower-hour:

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
0.2	1.6	4.0	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 30th day of September 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

LARGE ENGINE MODEL SUMMARY

7/28/98

Manufacturer: Navistar E.O. # A-4-217

Process Code: New Submission

EPA Engine Family: XNVXH0466ANA

Manufacturer Family Name: DT-466E

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
B175	B175	175 @ 2300	89.8	69.5	430 @ 1500	80.2	40.5	DI, ECM,TC,CAC
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B190	B190	190 @ 2300	98.6	76.2	485 @ 1500	91.4	46.2	DI, ECM,TC,CAC
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B195	B195	195 @ 2300	98.6	76.2	520 @ 1450	100.9	49.2	DI, ECM,TC,CAC
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B210	B210	210 @ 2300	111.3	86.0	520 @ 1500	103.5	52.2	DI, ECM,TC,CAC
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BH210	BH210	210 @ 2300	111.3	86.0	605 @ 1450	113.5	55.4	DI, ECM,TC,CAC