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## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-4-245

## Relating to Certification of New Heavy-Duty Engines and Vehicles

## INTERNATIONAL TRUCK AND ENGINE CORPORATION

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2001

Fuel Type: Diesel

	Disp	lacement	Exhaust Emission Control
Engine Family	<u>Liters</u>	Cubic Inches	Systems and Special Features
1NVXH0466ANA	7.6	466	Turbocharger
(DT466 & DT466HT)			Charge Air Cooler
,			Electronic Control Module
			Direct Diesel Injection

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	Total <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	Particulate <u>Matter</u>	
Standard	1.3	15.5	4.0	0.10	
Certification	0.2	1.7	4.0	0.10	

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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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, Sections 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  $30^{4}$  day of November 2000.

R. B. Summerfield, Chief Mobile Source Operations Division

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Engine Model Semmary Form

International E. O. # A-4-245 **On-highway HDDE** Engine category: Manufacturer:

EPA Engine Family: 1NVXH0466ANA

DT 466 AND DT 466 HT Mfr Family Name:

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**New Submission** Process Code:

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9.Emission Control Device Per SAE J1930										
9.Emission Control evice Per SAE J193		Ţ,	ပုံ	ЧĊ.		ECN, TC,	é			
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8.Fuel Rate: (lbs/hr)@peak torque										
8.Fuel Rate: hr)@peak to	96	~	<b>N</b>		8	æ	D.			
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6.Torque @ RPM (SEA Gross)	Advertised	460 @ 1400	520 @ 1400	560 @ 1400	<u>7</u>	560 @ 1400	Ţ			
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5.Fuel Rate: (bs/hr) @ peak HP (for diesels only)							122 C	• `		1000
Rate peal	age	Q	72.0	ю	<b>T</b>	ব	3			
5.Fuel Rate: /hr) @ peak or diesels on	Average	67.0	2	75.5	82.4	82.4	83.3			
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4.Fuel Rate: vistroke @ pea (for diesel only	×		1979- 1867 1653							
4. Fuel R: mm/stroke @ (fcr diesel										
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3.BHP@RPM (SAE Gross)	Ver	8	0	0	0	0	0			
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