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## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-13-61



Relating to Certification of New Heavy-Duty Motor Vehicle Engines

CATERPILLAR, INC.

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 Caterpillar, Inc. 1992 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
NCT0403FZF3	6.6	403	Smoke Puff Limiter Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

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

<u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.25

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

Engine <u>Family</u>	<u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
NCT0403FZF3	0.4	0.8	4.7	0.19

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.). ĩ

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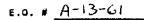
Englies certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this  $\frac{2}{2}$  day of July, 1992.

1/19-2 11.00 Curlove R. B. Summerfield

Assistant Division Chief Mobile Source Division



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## 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

## HEAVY-DUTY DIESEL ENGINES

Nanufacturer	Caterpillar Inc.	Engine Family	NCT0403FZF3		
Liters (CID)	6.6 (403)	Fuel Type <u>#2</u>	Diesel (.25% Sulfur)	Engine Config	6

Exhaust Emission Control Sys. and (Special Features) \_\_\_\_\_ SPL (TC,CAC\_\_)

(Use abbreviations per SAE J1930 JUN 88)

Engine Model (Eng. Code)	Fuel Pump* NFR. P/N	Injector MFR. P/N	Rated HP @ RPM	Fuel Rate Digated HP num /stroke	Part. Trap/ Catalyst MFR. P/N
3116 (A)	1006252	1021416	250 2 2600	107	
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Revisions: 1290

\*Basic Fuel Pump 1006251

(Reference Page No. 16.04-0403FZF-1).

Revision No.