State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-102

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-45-9;

IT IS ORDERED AND RESOLVED: That the following 1996 model-year Caterpillar, Inc. 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
TCP403DZDABA	6.6	(403)	Turbocharger Smoke Puff Limitter Charge Air Cooler Oxidation Catalytic Converter

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
TCP403DZDABA	0.1	0.7	4.5	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 2nd day of November 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-13-102

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

Manufacturer: Caterpillar Inc. Engine Family: TCP403DZDABA

Displacement: 6.6 / Liters _ 403 / Cubic Inches

Maximum Rated Power: 300 HP @ 2600 RPM Engine Configuration: 16

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: 13CCR 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) CAC, OC, SPL, TC

(Use abbreviations per SAE J1930 SEP91)

Engine Model (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.
3116 - 1	300 @ 2600	131 (114.9)	1074091	---	---	(1)

(1) Catalytic Converter Part Nos.

1006968	1036060	1066503	1230221
1030632	1044819	1173161	1261458
1030633	1044821	1173162	1288616
1030634	1044823	1173265	

ISSUE DATE	08 SEPT 95							
REVISION NUMBER								
REVISION DATE								