California Environmental Protection Agency AIR RESOURCES BOARD	CATERPILLAR INC.	EXECUTIVE ORDER U-R-001-0345 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 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-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment under the flexibility program provisions. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	FLEXIBILITY PROGRAM ENGINE FAMILY NAME(s)
2009	Please see attachment

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2423, subpart (d).

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

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

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 23rd day of December 2008.

Raphael Susnowitz

for Annette Hebert, Chief
Mobile Source Operations Division

CATERPILLAR®

Caterpillar Inc.
P.O. Box 600
Mossville, Illinois 61552

EO : U-R-001-0345

2a. Flexibility Engine Details – 2009 OEM Flex Request Submissions

Engine Family	EO No.
5CPXL34.5ERK 5CPXL58.6ERK 5CPXL78.1ERK	U-R-001-0265 U-R-001-0266 U-R-001-0267
5CPXL34.5ERK 5CPXL58.6ERK 5CPXL78.1ERK	U-R-001-0265 U-R-001-0266 U-R-001-0267
5CPXL27.0HRP	U-R-001-0276
5CPXL58.6ERK	U-R-001-0266

2b. Flexibility Engine Details – 2009 Caterpillar Submissions

Engine Model	Engine Family	EO No.
3176	5CPXL10.3ESK	U-R-001-0271
3176	5CPXL10.3ESK	U-R-001-0271
C-9	5CPXL08.8ESL	U-R-001-0285
3516	5CPXL78.1ERK	U-R-001-0267
3516	5CPXL78.1ERK	U-R-001-0267
3524	5CPXL58.6ERK	U-R-001-0266
3516	5CPXL78.1ERK	U-R-001-0267
3304	2CPXL07.0MRA	U-R-001-0181
3304	2CPXL07.0MRB	U-R-001-0182

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