CATERPILLAR INC.

EXECUTIVE ORDER U-R-001-0523 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-14-012;

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)
2016	Please see attachments

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).

BE IT FURTHER RESOLVED: Engines certified under this Executive Order shall not be introduced into commerce before January 2, 2016.

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

_ day of December 2015.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

ATTACHMENT 1 OF 1, U-R-001-0523

Engine Information - Table 1B
Flex Application for 2016 Model/Calendar Year

	6 Model/Calendar Year			
Flex Engine Information				
Executive Order	Engine Family			
U-R-001-0391	ACPXL18.1ESK			
U-R-001-0377	ACPXL07.2ESL			
U-R-001-0373	ACPXL08.8ESX			
U-R-001-0399	ACPXL08.8ESK			
U-R-001-0378	ACPXL11.1ESK			
U-R-001-0395	ACPXL12.5ESX			
U-R-001-0390	ACPXL12.5ESK			
U-R-001-0374	ACPXL14.6ESK			
U-R-001-0394	ACPXL15.2ESW			
U-R-001-0375	ACPXL15.2ESX			
U-R-001-0408	ACPXL15.2NZV			
U-R-001-0382	ACPXL27.0ESK			
U-R-001-0452	DCPXL09.3HPA			
U-R-001-0453	DCPXL09.3HPB			
U-R-001-0454	DCPXL12.5HPA			
U-R-001-0455	DCPXL12.5HPB			
U-R-001-0458	DCPXL15.2HPA			
U-R-001-0460	DCPXL18.1HPA			
U-R-001-0469	DCPXL07.2ESJ			
U-R-001-0470	DCPXL08.8ESJ			
U-R-001-0471	DCPXL11.1ESJ			
U-R-001-0472	DCPXL12.5ESJ			
U-R-001-0478	DCPXL18.1ESJ			
U-R-001-0387	ACPXL106.T2E			
U-R-001-0379	ACPXL15.2ELW			
U-R-001-0380	ACPXL18.1ESW			
U-R-001-0381	ACPXL27.0ESX			
U-R-001-0396	ACPXL27.0ESW			
U-R-001-0383	ACPXL32.0ESP			
U-R-001-0385	ACPXL32.0ESW			
U-R-001-0384	ACPXL32.0ESX			
U-R-001-0386	ACPXL34.5T2C			
U-R-001-0388	ACPXL34.5T2E			
U-R-001-0404	ACPXL58.6T2E			
U-R-001-0397	ACPXL58.6T2X			
U-R-001-0402	ACPXL58.6T2Y			
U-R-001-0403	ACPXL78.1E2W			
U-R-001-0398	ACPXL78.1T2E			
U-R-001-0401	ACPXL78.1T2X			
U-R-001-0389	ACPXL78.1T2Y			
U-R-001-0376	ACPXL106.T2M			
U-R-001-0487	ECPXL15.2HZA			
U-R-001-0489	ECPXL18.1HZA			
U-R-001-0488	ECPXL27.0HZA			
U-R-001-0486	ECPXL27.0HYA			
U-R-001-0490	ECPXL32.0HZA			

Flexibility Engine Families Requiring Use of ABT Credits - Table 1C ABT Estimate for 2016 Model/Calendar Year

Engine Family	Estimated US Production
ACPXL78.1E2W	