## **KUBOTA Corporation**

EXECUTIVE ORDER U-R-025-0547 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. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)						
2012	CKBXL02.6ECD	2.615	Diesel .	5000						
	FEATURES & EMISSION C		TYPICAL EQUIPMENT APPLICATION							
	Mechanical Direct Inj	ection	Compressor, Other Indus	trial Equipment						

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kW-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED	EMISSION			E	XHAUST (g/kW-l	OPACITY (%)					
POWER	STANDARD CATEGORY		NMHC	NOx	NMHC+NOx	СО	PM	ACCEL	LUG	PEAK	
19 <u>&lt;</u> kW < 37	Interim Tier 4	STD	N/A	N/A	7.5	5.5	0.30	20	15	50	
		CERT			5.4	1.7	0.24	1	1	2	

**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

\_ day of December 2011.

Annette Hebert, Chief

Mobile Source Operations Division

## **Engine Model Summary Form**

**KUBOTA Corporation** Engine category: Manufacturer:

Nonroad Cl

EPA Engine Family: CKBXL02.6ECD

Mfr Family Name: N/A

**New Submission** Process Code:

Attachment

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EO# U-R-025-0547

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9.Emission Control Device Per SAE J1930	EM Mechantical	EM	EN	EM	ENS STATE	EN .	EN SEE		の の の の の の の の の の の の の の の の の の の						の意見と対するというというというというというというと	9			
8.Fuel Rate: 9.Emission Control (lbs/hr)@peak torque Device Per SAE J1930	14.0 4	13.9	13.9	13.9		11.3	10.0								4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
7.Fuel Rate: mm/stroke@peak torque	39.2	38.9	38.9	38.9	38.7 September 38.2	39.0	34.5					こうじょう アンプリー・アンガーを変える							
6.Torque @ RPM (SEA Gross)	126.3@1600	125.4@1600	125.4@1600	125.4@1600	125.4@1300	128.4@1300	113.4@1300						ACT TO THE PROPERTY OF THE PRO						
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	19.2	19.2	\$ 10 T	18.7	<b>17.7</b> 。	17.7	15.5		The second secon										
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	31.8	31.8	32.8	34.8	35.9	35.9	**************************************		"好是"			100年 日の対学を持ていると思想をお客様		のである。 のでは、 のでは	が、一般などのでは、				
3.BHP@RPM (SAE Gross)	48.9@2700	48.9@2700	48.9@2600	48.9@2400	47.6@2200	47.6@2200	41.8@2200			The first state of the state of					NOTE THE TAXABLE PROPERTY.	o it could be a second in the			
2.Engine Model	* V2607-DI-ET	V2607-DI-ET	V2607-DI-ET	V2607-DI-ET	V2607-DI-ET	V2607-DI-ET	V2607-DI-E.F					The section of the se	A THE STANDARD STANDA						
1.Engine Code	V2607-DI-ET01	V2607-DI-ET02	P-V2607-DI-ET03:	V2607-DI-ET04	V2607-DI-ET05	V2607-DI-ET06	V2607-DI-ET07	· · · · · · · · · · · · · · · · · · ·		The state of the s	フィアのできた日本の日本日でした。アイン・ログストでも、日本の一人の一人の一人の一人の一人の一人の一人の一人の一人の一人の一人の一人の一人の	The state of the s	Trust of the second sec						