KUBOTA Corporation

EXECUTIVE ORDER U-R-025-0612 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)							
2014	EKBXL02.6END	2.616	Diesel 8000								
SPECIAL	FEATURES & EMISSION (CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION								
Electroni Electroni	c Direct Injection, Exhaus ic Control Module, Diesel Periodic Trap Oxic	Oxidation Catalyst,	Loader, Tractor, and Other Industrial 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 CLASS	STANDARD CATEGORY		ИМНС	NOx	NMHC+NOx	СО	PM	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 Final	STD	N/A	N/A	4.7	5.0	0.03	N/A	N/A	N/A
		CERT			3.3	0.03	0.004			

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 2013.

Erik White, Chief

Mobile Source Operations Division

Engine Model Summary Form

Manufacturer: KUBOTA Corporation

EPA Engine Family: EKBXL02.6END

Mfr Family Name: N/A

Process Code: New Submission

Attachment page 1 of 1

FO# U-K-025-0612

Date: 11/22/2013

9.Emission Control Device Per SAE J1930	EM, DFI, EGR, ECM, PTOX, DDC	EM, DFI, EGR, ECM, PTOX, DOC	EM, DFI, EGR, ECM, PTOX, DOC	1	Prect fuel Injection	77									
8.Fuel Rate: (lbs/hr)@peak torque	14.7	14.4	13.5	1	DAIL					12		200		8	
7.Fuel Rate: mm/stroke@peak torque	41.2	40.3	40.2												
6.Torque @ RPM (SEA Gross)	130.3@1600	126.5@1600	126.5@1500												
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	22.2	22.2	19.6												
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	36.7	36.7	36.5												
3.BHP@RPM (SAE Gross)	55.5@2700	55.5@2700	50.2@2400												
1.Engine Code 2.Engine Model	V2607-CR-EF	V2607-CR-EF	V2607-CR-EF												
1. Engine Code	V2607-CR-EF01	V2607-CR-EF02	V2607-CR-EF03												