

KUBOTA Corporation

EXECUTIVE ORDER U-R-025-0363 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)					
2009	9KBXL.325KCB	0.325	Diesel	3000					
-	FEATURES & EMISSION		TYPICAL EQUIPMENT APPLICATION						
	Indirect Diesel Inje	ection	Generator Set, Other Industrial Equipment						

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), 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 STANDARD CATEGORY			E	XHAUST (g/kw-l	OPACITY (%)				
POWER			нс	NOx	NMHC+NOx	со	PM	ACCEL	LUG	PEAK
kW < 8	Tier 4	STD	N/A	N/A	7.5	8.0	0.40	N/A	N/A	Ñ/A
		CERT			5.2	2.5	0.21			

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 ______ 24/2 day of December 2008.

Annette Hebert, Chief

Mobile Source Operations Division

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Engine Model Summary Form

KUBOTA Corporation

Manufacturer:

U-R-025	9.Emission Co					4					
U- R	8.Fuel Rate: 9.Emission Co (lbs/hr)@peak torque Device Per SAE	NA	A contraction of the contraction	And the second s							
1	7.Fuel Rate: mm/stroke@peak torque	N/A		in the second se							
Δ.	6.Torque @ RPM (SEA Gross)	NIA						and the second s	The state of the s		
Attachment	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	3.4		Antonio emperator de la companya de					under service and an extension of the service and the service		
Q.	4. Fuel Rate: mm/stroke @ peak HP (for diesel only)	20.0	Hertine and the second								
	3.BHP@RPM (SAE Gross)	7.0@3000									
Nonroad CI 9KBXL.325KCB N/A New Submission	2.Engine Model	EA330-ET 5.7									
Engine category: EPA Engine Family. Mfr Family Name: Process Code:	1.Engine Code	EA330-ET01								TO MANAGEMENT THE PROPERTY OF	