EXECUTIVE ORDER U-R-025-0710

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. 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)		
2017	HKBXL.325NCB	0.326	Diesel	3000		
	FEATURES & EMISSION (TYPICAL EQUIPMENT APPLICATION			
	Indirect Diesel Inje	ction	Generator Set 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		EXHAUST (g/kw-hr)					OPACITY (%)		
POWER CLASS	STANDARD CATEGORY		NMHC	NOx	NMHC+NOx	СО	PM	ACCEL	LUG	PEAK
kW < 8	Tier 4 Final	STD	N/A	N/A	7.5	8.0	0.40	N/A	N/A	N/A
		CERT			6.7	3.2	0.26			

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 2016.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Engine Model Summary Form

E0#U-R-025-0710 Date: 11/8/2016

Manufacturer.

KUBOTA Corporation

Engine category:

Nonroad Cl

New Submission

EPA Engine Family: HKBXL.325NCB

Mfr Family Name: N/A

Process Code:

Attachment page 1 of 1

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
EA330-EE01	EA330-EF	8.2@3000	20.4	3.4	15.0@1900	21.4	2.3	EM, IEI
EA330-EF02	EA330-EF	7.9@3000	20.2	3.4	14.5@1900	21.2	2.3	EM, IFI
		2 - 10						
						The state of the s		
	<u>Leib, C. J. Transcort A. C. Lett N. C. A. J. H. Helber, et</u>	Charles de 1900 et en 1900 gant la comercia de					Albert (gest itte. 1986)	
					nacional de la company			
		The state of the s				A. C.	es a were secure as a second of the second	
				and the state of t	The state of the s	The state of the s	19 (19 (19 (19 (19 (19 (19 (19 (19 (19 (
		4. F			in the second se	en e		
	· · · · · · · · · · · · · · · · · · ·							
				Maria (S.S. Storage State of S				
				enes es ses estados es escalar			tana (Kalendara Baratan	
								11.169 s w 1596 wei 150 s
							province of the second	
		ornoga var						
	as a	Algarian Salatan		order of the second of the sec		And the second s		
			- North Darrich Bulletin					
Fature management	4.77.2 S.1			1.550 mm (F. 60 1.578 mm) 5 75 55 5 75 5 75 5 75 5 75 5 75 5		100000		
		ende Postal					is referen	
<u> </u>	i i i i i i i i i i i i i i i i i i i							