Pursuant to the authority vested in California 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-19-095;

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)
2020	LKBXL01.5BCC	1.124, 1.498	Diesel	3000
SPECIAL	FEATURES & EMISSION	CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION Generator Set, Light Tower, Welder	
	Indirect Diesel Inje	ction		

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	LUG PEAK
8 ≤ kW < 19	Tier 4 Final	STD	N/A	N/A	7.5	6.6	0.40	N/A	N/A	N/A
		CERT	-		5.9	1.0	0.15			

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 July 2019.

Allen Lyons, Chief Emissions Certification and Compliance Division

Engine Model Summary Form

Attachment page 1 of 1

E0#U-R-025-0862 Date: 7/25/2019

Manufacturer:KUBOTA CorporationEngine category:Nonroad ClEPA Engine Family:LKBXL01.5BCCMfr Family Name:N/AProcess Code:New Submission

9.Emission Contro Device Per SAE J19	8.Fuel Rate: (lbs/hr)@peak torque	7.Fuel Rate: mm/stroke@peak torque	6. Torque @ RPM (SEA Gross)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	3.BHP@RPM (SAE Gross)	2.Engine Model	1.Engine Code
EM, IFI	7.1	23.6	48.5@1800	7.1	23.6	16.6@1800	D1105-BG-EF	2 D1105-BG-EF01
EM, IFI	10.1	25.0	68.9@1800	10.1	25.0	23.6@1800	V1505-BG-EF	C V1505-BG-EF01
EM, IFI	9.2	22.9	63.4@1800	9.2	22.9	21.7@1800	V1505-BG-EF	V1505-BG-EF02
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