

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-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)
2019	KKBXL02.6E2D	2.616	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Electronic Direct Injection, Turbocharger, Exhaust Gas Recirculation, Charge Air Cooler, Electronic Control Module, Periodic Trap Oxidizer, Diesel Oxidation Catalyst			Loader, Tractor, 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 (NO<sub>x</sub>), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NO<sub>x</sub>), 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 POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NO <sub>x</sub>	NMHC+NO <sub>x</sub>	CO	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	--	--	3.6	0.1	0.000	--	--	--

**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 13 day of August 2018.



Annette Hebert, Chief  
 Emissions Compliance, Automotive Regulations and Science Division

# Engine Model Summary Form

EO# U-R-025-0804

Manufacturer: **KUBOTA Corporation**  
 Engine category: **Nonroad CI**  
 Engine Family: **KKBXL02.6E2D**  
 Engine Family Name: **N/A**  
 Submission Code: **New Submission**

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Date: 7/23/2018

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
*07-CR-TI-EW01	V2607-CR-TI-EW	73.2@2700	44.5	26.9	205.8@1600	60.2	21.5	EM, DFI, TC, EGR, CAC, ECM, PTOX, DOC
07-CR-TI-EW02	V2607-CR-TI-EW	73.2@2700	44.5	26.9	195.5@1600	57.6	20.6	EM, DFI, TC, EGR, CAC, ECM, PTOX, DOC
07-CR-TI-EW03	V2607-CR-TI-EW	73.2@2400	49.2	26.4	195.5@1500	59.2	19.9	EM, DFI, TC, EGR, CAC, ECM, PTOX, DOC
07-CR-TI-EW04	V2607-CR-TI-EW	73.2@2200	52.7	25.9	195.5@1500	58.2	19.5	EM, DFI, TC, EGR, CAC, ECM, PTOX, DOC

\* tested engine

DFI = Direct Fuel Injection