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 Executive Order G-02-003

shall be in all material respects the same as those for which certification is granted produced by the manufacturer are certified as described below for use in off-road equipment. Production engines IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems

	SPECIAL	2014	MODEL YEAR
Indirect Diesel Injection	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	EKBXL.898KCB	ENGINE FAMILY
tion	ONTROL SYSTEMS	0.599, 0.899	DISPLACEMENT (liters)
Loader, Tractor, Generator Set, Other Industrial Equipmen	TYPICAL EQUIPMENT APPLICATION	Diesel	FUEL TYPE
dustrial Equipment	ATION	3000	USEFUL LIFE (hours)

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 (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423): opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging

_	_		
	kW < 19	CLASS	RATED
	Tier 4 Final	CATEGORY	EMISSION
CERT	STD		
-	N/A	NMHC	
	N/A	NOx	E
5.6	7.5	NMHC+NOx	EXHAUST (g/kw-hr)
2.0	6.6	co	ır)
0.31	0.40	PM	
8	20	ACCEL	유
6	15	LUG	OPACITY (%
13	50	PEAK	3

Ignition Engines, Part I-C" adopted October 20, 2005 stringent set of standards from the various power categories in conformance with Section 1039.230 (e) of the "California Exhaust Emission Standards and Test Procedures for 2008 and Later Tier 4 Off-Road Compression-BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has complied with the more

Sections 2425 and 2426 (emission control system warranty). materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and

Engines certified under this Executive Order must conform to all applicable California emission regulations

family that are produced for any other model-year are not covered by this Executive Order This Executive Order is only granted to the engine family and model-year listed above. Engines in this

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

Engine category:

Nonroad Cl

EPA Engine Family:

EKBXL.898KCB

Mfr Family Name:

N/A

Process Code:

New Submission

Attachment page 1 of 1

EO# U-R-025-0601 Date: 11/21/2013

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
D902-EF01	D902-EF	24.8@3600	18.4	11.1	41.4@2600	19.5	8.5	EM, IFI
D902-EF01e	D902-EF	24.8@3600	18.4	11.1	41.4@2600	19.5	8.5	EM, IFI
D902-EF02	D902-EF	23.3@3400	18.6	10.6	40.6@2400	19.6	7.9	EM, IFI
D902-EF03	D902-EF	21.6@3200	17.5	9.4	41.4@2400	19.7	7.9	EM, IFI
D902-EF04	D902-EF	20.8@3000	18.0	9.1	41.1@2000	19.6	6.6	EM, IFI
D902-EF05	D902-EF	20.2@3000	17.5	8.8	40.9@2000	19.4	6.5	EM, IFI
D902-EF06	D902-EF	18.0@2600	17.3	7.5	40.1@2200	18.8	6.9	EM, IFI
D902-EF07	D902-EF	16.2@2400	16.9	6.8	40.3@1900	19.1	6.1	EM, IFI
D902-EF08	D902-EF	16.1@2300	17.4	6.7	38.4@1800	18.0	5.4	EM, IFI
D902-EF09	D902-EF	21.6@3200	17.5	9.4	41.4@2000	19.7	6.6	EM, IFI
Z602-EF01	Z602-EF	16.9@3600	19.0	7.6	28.4@2200	20.2	5.0	EM, IFI
Z602-EF02	Z602-EF	16.8@3600	18.9	7.6	27.9@2600	20.0	5.8	EM, IFI
Z602-EF03	Z602-EF	14.5@3200	18.0	6.4	28.0@2400	20.1	5.4	EM, IFI
Z602-EF04	Z602-EF	12.7@2800	17.8	5.6	26.6@2300	19.0	4.9	EM, IFI
Z602-EF05	Z602-EF	11.7@2600	17.4	5.1	26.8@2100	19.4	4.6	EM, IFI
Z602-EF06	Z602-EF	10.7@2400	17.3	4.6	25.7@1900	17.9	3.8	EM, IFI
Z602-EF07	Z602-EF	9.9@2200	17.4	4.3	25.6@1800	19.1	3.8	EM, IFI