California Environmental Protection Agency

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)		
2015	FKBXL02.4END	2.435	Diesel	8000		
	FEATURES & EMISSION		TYPICAL EQUIPMENT APPLICATION			
Electronic	Direct Injection, Exhaus c Control Module, Diese Periodic Trap Oxid	Oxidation Catalyst,	Loader, Tractor, Pump, Compressor, 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	STANDARD CATEGORY		NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
19 <u><</u> kW < 56	Tier 4 Final	OPTIONAL STD	N/A	N/A	4.7	5.0	0.03	N/A	N/A	N/A
		CERT			3.1	0.04	0.001			

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).

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has complied with the more 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-Ignition Engines, Part I-C" adopted October 20, 2005 and last amended October 25, 2012.

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

1 # Albert

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

day of October 2014.

Engine Model Summary Form

EO# U-R- 025-0656 Date: 10/22/2014

Manufacturer:KUBOTA CorporationEngine category:Nonroad ClEPA Engine Family:FKBXL02.4ENDMfr Family Name:N/AProcess Code:New Submission

Attachment page 1 of 1

e l 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: (Ibs/hr)@peak torque	9.Emission Control Device Per SAE J1930
V2403-CR-EF01	V2403-CR-EF	52.7@2700	34:3	20.7	126.1@1600	40.5	14.5	EM, DFI, EGR, ECM, PTOX, DOC
·V2403-CR-EF02	V2403-CR-EF	49.3@2700	32.0	19.3	116.1@1600	38.1	13.6	EM, DFI, EGR, ECM, PTOX, DOC
V2403-CR-EF03	V2403-CR-EF	48.5@2700	32.9	19.9	116.1@1600	38.1	13.6	EM, DFI, EGR, ECM, PTOX, DOC
V2403-CR-EF04	V2403-CR-EF	48.7@2700	32.6	19.7	114.6@1600	36.9	13.2	EM, DFI, EGR, ECM, PTOX, DOC
1.57			- In					
	a and a second	ty and the second s						
- M-				n far fran miller út den en den er ei en fen den de en die ei die de die die Name	a man di panga ata a mang mang mang mang mang mang mang m	an di segan yang mengengkan pendaran ang mengengkan pendaran segan pendaran segan seban seban seban seban seban Seban pendaran seban pendaran seban seba		na na sana ang sana sana
							<u>ज्य दुरु संख्य</u> ा	
	and in an an one of a superior of kine of the standard for the associate standard	laten kalen oleh eren di seria di seri Seria producti di seria di seri				na de den aller man a san de societado de aller nom de se esta e de seta de se		
	an a							Antonio La constante de la const
			and an experimental second					and the second