

KUBOTA CORPORATION

EXECUTIVE ORDER U-L-016-0134
New Off-Road Large Spark-Ignition
Engines Above 19 Kilowatts

Pursuant to the authority vested in California Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

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

MODEL YEAR			ENGINE DISPLACEMENT (liters)	ENGINE CLASS		FUEL TYPE	
2020			0.768	≤ 825 cc		Gasoline	
DURABILITY HOURS		SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT USAGE		
1000		Engine Modification			Aerial Lift		
ENGINE MODELS (rated power in kilowatt, kW)		See Attachment					

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust certification emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2433(b)(1)) and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with 13 CCR Section 2433(b)(3).

(g/kW-hr)	HC+NOx	СО		
Standards	8.0	549		
Certification Levels	6.7	314		

BE IT FURTHER RESOLVED: That for the listed engines for the aforementioned model-year, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2433(d) (certification and test procedures), 13 CCR Section 2404 (emission control labels), and 13 CCR Sections 2405 and 2406 (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 2019.

Allen Lyons, Chief

Emissions Certification and Compliance Division

Attachment 1 of

Model Year:	2020	Page: 4	
·Manufacture Na	me: KUBOTA Corporation	Issued:	
Engine Family:	LKBXB.76823A	Revised:	
OFF-ROAD LSI E	NGINE SUPPLEMENTAL INFORMATION	E.O.#:	W-L-016-0134

S12. MODEL SUMMARY (Use an asterisk (*) to identify worst-case engine model used for certification testing.)

S13.	S14. S15.			S16. Eng. Displ.	S17. Rated	S18. Rated Speed	S19. Peak Torque	S20. Peak Torque	
Engine Model	Engine Code	Sales Codes (Check ALL appropriate)							
		Calif. Only	49- State	50- State	(Liters)	(kVV)	(RPM)	(N.M)	Speed (RPM)
KGZ770-ES*	KGZ770-ES01			х	0.768	20.30	3600	54.00	2400
KGZ770-ES	KGZ770-ES02			Х	0.768	20.30	3600	54.00	2400
KGZ770-ES	KGZ770-ES03			х	0.768	20.30	3600	54.00	2400
KGZ770-ES	KGZ770-ES04			х	0.768	20.30	3600	54.00	2400
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