## **KOHLER COMPANY**

New Off-Road Large Spark-Ignition

New Off-Road Large Spark-Ignition Engines Above 19 Kilowatts

Pursuant to the authority vested in the 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	E	NGINE FAMILY	DISPLACEMENT (liters)	ENGIN	E CLASS	FUEL TYPE							
2021	<b> </b> №	IKHXB.7472GK	0.747	≤ 8	25 cc	Gasoline							
DURABILI HOURS			CIAL FEATURES & N CONTROL SYSTEMS		TYPICAL EQUIPMENT USAGE								
1000		Engine Modification Tractor/Tug, Generator and Other											
ENGINE MODELS (rated power kilowatt, k	S er in			Se	e 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).

	HC+NOx (g/kW-hr)	CO (g/kW-hr)
STANDARD	8.0	549
CERTIFICATION LEVEL	5.3	272

**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 on this <u>29th</u> day of December 2020.

Allen Lyons, Chief

**Emissions Certification and Compliance Division** 

LSIE Exhaust Model Summary Template (rev. 2020)

For CARB Use Only Executive Order: U-L-021-0082 Attachment \_1\_of\_1\_

Date: \_\_11/10/2020\_\_ Engine Family: \_MKHXB.7472GK\_\_

 $Model\,Summary\,(Use\,an\,asterisk\,(^*)\,to\,identify\,worst-case\,engine\,model\,used\,for\,certification\,testing.)$ 

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	S20. Peak Torque Speed (RPM)	3200	3000	2200																				
	S19. Peak Torque (FT-LB)	53.2 N-m	54.2 N-m	53.5 N-m																				
	S18. Rated Speed (RPM)	3600	3600	3600																				
	S17. Rated Power (kW)	19.7 kW	19.7 kW	19.6 kW																				
	S16. Engine Displacement (Liters)	0.747	0.747	0.747																				
oropriate)	50-State	×	×	×																				
Sales Codes (Check all appropriate)	49-State																							
Sales	CA Only																							
	54. Engine Code																							
	513. Engine Model	*CH750	CH752	CV752																				