California Environmental Protection Agency		EXECUTIVE ORDER U-L-021-0047		
O Air Resources Board	KOHLER COMPANY	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-14-012;

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		
2016 GKHXB.7472PH			0.747	0.747 <u>≤</u> 825 cc		Gasoline		
			CIAL FEATURES & N CONTROL SYSTEM	S	TYPICAL EQUIPMENT USAGE			
1000 Multiport Fue			el Injection, Oxygen Ser	nsor	Tractor and Other Industrial Equipment			
ENGINE MODELS (rated power in kilowatt, kW)				LH775 (2				

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	7.6	303		

**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 3/57 day of August 2015.

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

Model Year: \_2016\_

Manufacturer Name: \_Kohler Co.\_\_\_\_\_ Engine Family: \_GKHXB.7472PH\_\_\_\_\_ OFF-ROAD LSI ENGINE SUPPLEMENTAL INFORMATION Page: \_5\_\_\_\_\_ Issued: \_\_\_\_\_ Revised: \_ E.O.#: <u>U-L-</u>D2I -0047

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

S13.	S14.	S15. Sales Codes		S16.	S17.	S18.	S19.	S20.	
Engine	Engine	(Check ALL		Eng.	Rated	Rated	Peak	Peak	
Engine Model	Code	ap	propriat	e)	Displ.	Power	Speed	Torque	Torque Speed
					(Liters)	(kW)	(RPM)	(FT-LB)	Speed
		Calif.	49-	50-					(RPM)
		Only	State	State					
LH775				x	0.747	21.6	3600	42.4	3400
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