

BRIGGS & STRATTON CORPORATION

EXECUTIVE ORDER U-L-023-0072 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	L	BSXB.8102VW	0.810	≤ 825 cc		Gasoline		
DURABILITY HOURS			CIAL FEATURES & N CONTROL SYSTEM	S	TYPICAL EQUIPMENT USAGE			
1000		Engine Modification			Tractor/Tug			
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	7.8	291		

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 3/5t day of December 2019.

Allen Lyons, Chief

Lim Pryor

Emissions Certification and Compliance Division

Attachment 1 of 1

Model Year: 2020	Page: _5
Manufacturer Name: BRIGGS & STRATTON CORPORATION	lssued:
Engine Family:LBSXB.8102VW	Revised:
OFF BOAD I SI ENGINE SUPPLEMENTAL INFORMATION	FO#: 111-1-077-0070

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

S13.	S14.	S15. Sales Codes (Check ALL appropriate)		S16. Eng. Displ. (Liters)	S17. Rated Power (kW)	S18. Rated Speed (RPM)	S19. Peak Torque (New-M)	S20. Peak Torque Speed	
Engine Model	Engine Code								
		Calif. Only	49- State	50- State	(Liters)	(KVV)	(REWI)	(IVEW-IVI)	(RPM)
49S7*	4987			х	0.810	19.3	3600	57.0	2800
49T7	49T7			х	0.810	19.3	3600	57.0	2800
49\$8	49S8			х	0.810	19.6	3600	55.3	2800
49T8	49T8			х	0.810	19.6	3600	55.3	2800
49R9	49R9			х	0.810	19.6	3600	55.0	2800
4997	4997			х	0.810	19.3	3600	57.0	2800