BRIGGS & STRATTON, LLC

EXECUTIVE ORDER U-L-023-0073 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			DISPLACEMENT (liters) ENGIN		E CLASS	FUEL TYPE	
2021	ı	MBSXB.8102VW	0.810	≤ 825 cc		Gasoline	
DURABILITY HOURS			IAL FEATURES & CONTROL SYSTEMS		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).

	HC+NOx (g/kW-hr)	CO (g/kW-hr)		
STANDARD	8.0	549		
CERTIFICATION LEVEL	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 on this 23rd day of December 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

LSIE Exhaust Model Summary Template (rev. 2020)	
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Date:	_11/16/2020	
Engine Fa	nily:MBSXB.8102VW	

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Attachment __1_of__1_

Model Summary

			S15. Sales Codes (Check all appropriate)					<u> </u>	
\$13.	S4.	CA Only 49-State		50-State	\$16.	S17.	\$18.	\$19.	S20.
Engine Model	Engine Code				Engine Displacement (Liters)	Rated Power (kW)			Peak Torque Speed (RPM)
49\$8	49S8			Х		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	55.00	2800
4997	4997			Х	0.810	19.3	3600	57.00	2800
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