## THE TORO COMPANY

EXECUTIVE ORDER U-U-052-0277
New Off-Road Small Spark-Ignition
Equipment

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 equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

ENGINE DESCRIPTION											
	MANUFACTURER	ENGINE FAMILY	(E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefiθd petroleum gas)						
BRIGG	S & STRATTON CORPORATION	KBSXS.4792HH KBSXS.6272HN		479 570	Gasoline						
S.A. = See Attachment TBC = To Be Certified  EQUIPMENT DESCRIPTION											
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION								
2020	L4XCPLBK	18.93	Other								
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
	Canister/HDPE	See Attachment									
A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code: Carister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code: Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes 0 = C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). Note: Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for 0 ECS types.0											

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent day-1 or g ROG·m-2·day-1 or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD (g organicmaterial hydrocarbon equivalent day-1)										
1.20 + 0.056 × Nominal Capacity (L)										
	LINE PERMEATION ROG·m <sup>*</sup> 0day <sup>-1</sup> )		ANK PERMEATION ROG·m <sup>®</sup> day <sup>-</sup> 0)	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)						
STANDARD	ANDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		CERTIFICATIONLEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATIONLEVEL OR EXECUTIVE ORDER					
15	Q-19-003 (G-05-018),0 Q-19-002 (Q-14-008)	1.5	Q-20-004 (Q-17-030)0	1.4 Q-19-066 (C-U-07-016 A						

**BE IT FURTHER RESOLVED:** That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the evaporative family and model-year listed above. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.

Executed at El Mente, California on this \_\_\_\_\_\_\_ day of April 2020.

Allen Lons, Chief

**Emissions Certification and Compliance Division** 

For CARB Use Only
Executive Order: U-UAttachment \_\_\_\_\_ of \_\_\_\_\_

## **Small Off-Road Evaporative Certification Database Form**

## **MODEL SUMMARY**

S1.	S2.	S	3.	S4.	S5.	S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Model	Sales (checappro		Engine Class (I or II)	Fuel System (FI or CARB)		nk Volume iters)	Tank Internal Surface Area (m²)	Fuel Line Type (e.g. Single or Multi-layer)	Nomi nal Fuel Line Leng th <sup>(1)</sup> (mm)	Fuel Line Inside Diameter (mm)	Engine Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister (or Working Capacity (g/L))/ Other Venting Control Executive Order
		CA Only	50- State			Total	Nominal								
	SP3040														
	08703		Х	II	CARB	20.24	18.93	0.701	Multilayer	1464	6.35 & 12.70	KBSXS.4792HH	Q-20-004 (Q-17-030)	Q-19-003 (G-05-018) Q-19-002 (Q-14-008)	Q-19-066 (C-U-07- 016A)
	SP5040														
Х	08705		Х	Ш	CARB	20.24	18.93	0.701	Multilayer	1464	6.35 & 12.70	KBSXS.6272HN	Q-20-004 (Q-17-030)	Q-19-003 (G-05-018) Q-19-002 (Q-14-008)	Q-19-066 (C-U-07- 016A)

<sup>(1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm$  3 inches (76 mm)