### **BRIGGS & STRATTON CORPORATION**

EXECUTIVE ORDER U-U-002-0613-2 New Off-Road Small Spark-Ignition Equipment

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-02-003;

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 FA	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied nati						
BRIGG	S & STRATTON CORPORATION	BBSXS.1901 BBSXS.1901 BBSXS.1901 BBSXS.190	1VS (U-U-002-0619) VA (U-U-002-0620-1) VT (U-U-002-0623-1) VZ (U-U-002-0617-1) 1VK (U-U-002-0658) 1VP (U-U-002-0674)	161 175, 190 190 190 175, 190 190	Gasoline						
TBC = To B	e Certified	EQUIPME	NT DESCRIPTION								
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	E	EQUIPMENT APPLICATION							
2011	CPV1	1.03, 1.04, 1.09	Walk-Behind La	wnmower, Lin	e Trimmer, Pressure Washer						
EMISSIO	N CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL								
C	Canister/Treated HDPE		See Attachment								
Metal=M Tr	eated HDPE or PE=P Co-extruded=C S	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Letter	ther=O 2. <u>Tank Barrier Type and Code</u> :- CODE (Venting Control Codes =C, S, O); Do not use abbreviations for ECS types.						

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable		PERFORMANCE BASED	
-not applicable		(grams HC/day)	
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL
1.0	0.0	= (STANDARD) - (EFELD)	0.78

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model and it's for use in the averaging and banking program. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1(e).

**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) 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 engine 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.

This Executive Order hereby supersedes Executive Order U-U-002-0613-1 dated March 24, 2011.

Executed at El Monte, California on this

\_ day of August 2011.

Annette Hebert, Chief

Mobile Source Operations Division

### Attachment 1 of 3

# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

### MODEL SUMMARY

S1.	S2.	S3.			<b>S4</b> .	S5.		S6. S7.		S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check	Engine or Equipment Model	Sales Codes (check all appropriate)		Engine Class (I or	System (FI or	Fuel Tank Vol. (Liters)		Fuel Tank Internal	Fuel Line Type	Nominal Fuel Line	Fuel Line Inside	Exhaust Family	Fuel Tank Executive	Fuel Line Executive Order	Carbon Canister or Other	
One)		CA Only	49- State	50- State	Π)	CARB)	Total	Nominal	Surface Area (m²)		Length <sup>(1)</sup> (mm)	Diameter (mm)		Order		Venting Control Executive Order
	1016xx- xxxx-Fx			х	I	Carb	1.20	1.04	0.1068	Multi- layer	152	6.4	BBSXS.1611VS	N/A	G-05-018 C-U-05-012	N/A
	1018xx- xxxx-Fx			х	I	Carb	1.20	1.04	0.1068	Multi- layer	152	6.4	BBSXS.1611VS	N/A	G-05-018 C-U-05-012	N/A
	111Pxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VA	N/A	G-05-018	N/A
	121Rxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS,1901VA	N/A	G-05-018	N/A
	121Sxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VA	N/A	G-05-018	N/A
	121Qxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VT	N/A	G-05-018	N/A

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

## Small Off-Road Evaporative Certification Database Form (Supplementary Information)

### MODEL SUMMARY

S1.	S2.	S3.		S4.	S5.	S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.	
Worst Case (Check	Engine or Equipment Model	Sales Codes (check all appropriate)			Engine Class (I or	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)		Fuel Tank Internal	Fuel Line Type	Nominal Fuel Line	Fuel Line Inside	Exhaust Family	Fuel Tank Executive	Fuel Line Executive Order	Carbon Canister or Other
One)		CA Only	49- State	50- State	Π)	CARB)	Total	Nominal	Surface Area (m²)		Length <sup>(1)</sup> (mm)	Diameter (mm)		Order		Venting Control Executive Order
x	122Lxx- xxxx-Fx			х	I	Carb	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VZ	N/A	G-05-018	N/A
	124Lxx- xxxx-Fx			х	I	Carb	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VZ	N/A	G-05-018	N/A
	126Lxx- xxxFx			х	I	Carb.	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VZ	N/A	G-05-018	N/A
	128Lxx- xxxFx			х	I	Carb.	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VZ	N/A	G-05-018	N/A
	112Pxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VK	N/A	G-05-018	N/A
	122Qxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VK	N/A	G-05-018	N/A
	122Rxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VK	N/A	G-05-018	N/A
	122Sxx- xxxFx			х	I	Carb.	1.38	1.09	0.1099	Multi- layer	267	6.4	BBSXS.1901VK	N/A	G-05-018	N/A

<sup>(2)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

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### MODEL SUMMARY

S1.	S1. S2.		S3.		S4.	S5.	S5.		S7.	S8.	S9.	S10.	S11.	. S12.	S13.	S14.
Worst Case (Check	Engine or Equipment Model	Sales Codes (check all appropriate)		Engine Class (I or II)	System (FI or	Fuel Tank Vol. (Liters)		Fuel Tank Internal Surface	Fuel Line Type	Nominal Fuel Line Length <sup>(1)</sup>	Fuel Line Inside Diameter	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting	
One)		CA Only	49- State	50- State	11)	CARB)	Total	Nominal	Area (m²)		(mm)	(mm)		Ordor		Control Executive Order
х	122Mxx- xxxx-Fx			х	I	Carb	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VP	N/A	G-05-018	N/A
	124Mxx- xxxx-Fx			х	I	Carb	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VP	N/A	G-05-018	N/A
	126Mxx- xxxFx			х	I	Carb.	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VP	N/A	G-05-018	N/A
	128Mxx- xxxFx			х	I	Carb.	1.25	1.03	0.140	Multi- layer	229	6.4	BBSXS.1901VP	N/A	G-05-018	N/A
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<sup>(3)</sup> The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm)