California Environmental Protection Agency **Air Resources Board**	**BRIGGS & STRATTON CORPORATION**	**EXECUTIVE ORDER U-L-023-0049-1** New Off-Road Large 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-14-012;

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=liquefied petroleum gas)
BRIGGS & STRATTON CORPORATION	EBSXB.8102VW (U-L-023-0043) FBSXB.8102VW (U-L-023-0054) EBSXB.8102VE (U-L-023-0047-2) FBSXB.8102VE (U-L-023-0053)	810	Gasoline

S.A. = See Attachment; TBC = To Be Certified

EQUIPMENT DESCRIPTION			
MODEL YEAR	**EVAPORATIVE FAMILY**	**NOMINAL FUEL TANK SIZE (liters)**	**EQUIPMENT APPLICATION**
2015	CPR5	20.35, 20.82, 21.77	Tractor

EMISSION CONTROL SYSTEMS (ECS)	**ENGINE and/or EQUIPMENT MODEL**
Canister/Treated HDPE	See Attachment

A. **ECS TYPE** (Venting Control Type/Tank Barrier Type): 1. **Venting Control Type and Code**:- Canister=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 =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 ECS types.

The following are the evaporative emission standards (Title 13, California Code of Regulations, Section 2433(b)(4)(B), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m^2/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	DESIGN BASED				
FUEL HOSE PERMEATION (grams ROG/m^2/day)		**FUEL TANK PERMEATION** (grams ROG/m^2/day)		**CARBON CANISTER BUTANE WORKING CAPACITY** (grams HC/liter)	
STANDARD	**CERTIFICATION LEVEL OR EXECUTIVE ORDER**	**STANDARD**	**CERTIFICATION LEVEL OR EXECUTIVE ORDER**	**STANDARD**	**CERTIFICATION LEVEL OR EXECUTIVE ORDER**
15	G-05-018, Q-14-008	1.5	Q-08-27A	1.4	Q-09-021

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 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-L-023-0049 dated November 03, 2014.

Executed at El Monte, California on this 2ND day of April 2015.

M. Furuta

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

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Large Off-Road Evaporative Certification Database Form (Supplementary Information)

MODEL SUMMARY

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class ≤ 1 L (Yes or No)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length[1] (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State			Total	Nominal								
X	5901397			X	II	FI	26.30+26.30 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,515	6.4	EBSXB.8102VE FBSXB.8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901392			X	II	FI	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,083	6.4	EBSXB.8102VE FBSXB.8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901395			X	II	FI	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,083	6.4	EBSXB.8102VE FBSXB.8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901391			X	II	Carb	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,083	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901389			X	II	Carb	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,083	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901378			X	II	Carb	26.30+26.30 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,515	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901379			X	II	Carb	26.30+26.30 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,438	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901394			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901385			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901387			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901376			X	II	Carb	27.45	21.77	0.90	Multi-layer	1,219	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901422			X	II	Carb	26.30+26.30 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,515	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021

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	5901423			X	II	Carb	27.45	21.77	0.90	Multi-layer	356	6.4	EBSXB.8102VW FBSXB.8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901424			X	II	FI	26.30+26.30 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,743	6.4	EBSXB.8102VE FBSXB.8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901489			X	II	FI	26.30+26.30 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,515	6.4	EBSXB.8102VE FBSXB.8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021

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