

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	HBSXB.8102VW (U-L-023-0062) HBSXB.8102VE (U-L-023-0061-1) JBSXB.8102VW (TBC) JBSXB.8102VE (TBC)	810	Gasoline
S.A. = See Attachment; TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	NOMINAL FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2018	CPR5	See Attachment	Tractor
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Treated HDPE		See Attachment	
<small>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.</small>			

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/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		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, Q-13-012, Q-09-023

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.

Executed at El Monte, California on this 8th day of December 2017.


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

**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	5901394			X	II	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	JBSXB 8102VW HBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901585			X	II	Carb	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	JBSXB 8102VW HBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901592			X	II	Carb	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	JBSXB 8102VW HBSXB 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	JBSXB 8102VW HBSXB 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	JBSXB 8102VW HBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901586			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012
	5901593			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012
	5901360			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901533			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901545			X	II	FI	23 15+23 15 (dual tanks)	18 19+18 19 (dual tanks)	1 39	Multi-layer	2,515	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901654			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,438	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901607			X	II	FI	30 25	29 34	0 65	Multi-layer	787	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-023
	5901608			X	II	FI	30 25	29 34	0 65	Multi-layer	787	6 4	JBSXB 8102VE HBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-023

	5901816			X	II	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	JBSXS 8102VW HBSXS 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901817			X	II	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	JBSXS 8102VW HBSXS 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901819			X	II	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	JBSXS 8102VW HBSXS 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021
	5901821			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2083	6 4	JBSXS 8102VE HBSXS 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012
	5901822			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2083	6 4	JBSXS 8102VE HBSXS 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012
	5901823			X	II	FI	30 25	29 34	0 65	Multi-layer	787	6 4	JBSXS 8102VE HBSXS 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-023

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