

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	GBSXB.8102VW (U-L-023-0058) GBSXB.8102VE (U-L-023-0057) HBSXB.8102VW (TBC) HBSXB.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
2017	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.

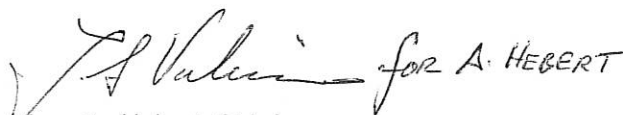
*not applicable		DESIGN BASED			
FUEL HOSE PERMEATION (grams ROG/m ² /day)		FUEL TANK PERMEATION (grams ROG/m ² /day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-018, Q-14-008	1.5	Q-08-27A	1.4	Q-09-021, Q-13-012

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 23RD day of November 2016.



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

U-L-023-0060

of 2

Attachment 1

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 Tank 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	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901389			X	Carb	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901391			X	Carb	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901585			X	Carb	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901592			X	Carb	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901385			X	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901387			X	Carb	27 45	21 77	0 76	Multi-layer	559	6 4	HBSXB 8102VW GBSXB 8102VW	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901392			X	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901395			X	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021	
	5901586			X	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012	
	5901593			X	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012	
	5901360			X	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,083	6 4	HBSXB 8102VE GBSXB 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	HBSSXB 8102VE GBSXB 8102VE	Q-08-27A	Q-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	HBSSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
5901535			X	II	FI	26 50+26 50 (dual tanks)	20 82+20 82 (dual tanks)	1 69	Multi-layer	2,438	6 4	HBSSXB 8102VE GBSXB 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	HBSSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-13-012
5901540			X	II	FI	30 25	29 34	0 65	Multi-layer	787	6 4	HBSSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
5901541			X	II	FI	30 25	29 34	0 65	Multi-layer	787	6 4	HBSSXB 8102VE GBSXB 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	HBSSXB 8102VE GBSXB 8102VE	Q-08-27A	G-05-018 Q-14-008	Q-09-021
5901608			X	II	FI	30 25	29 34	0 65	Multi-layer	787	6 4	HBSSXB 8102VE GBSXB 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)