CALIFORNIA AIR RESOURCES BOARD	BRIGGS & STRATTON CORPORATION	EXECUTIVE ORDER U-U-002-1058 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-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	See Attachment A	See Attachment A	Gasoline
KAWASAKI HEAVY INDUSTRIES, LTD.	See Attachment A	See Attachment A	

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

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2019	CPR4	See Attachment B	Tractor

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

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, 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/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	Innovative Product: Q-08-027a	1.4	Q-09-021, Q-09-023

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.

Executed at El Monte, California on this 6 day of November 2018.

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

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	KBSXS.8102VS (TBC) JBSXS.8102VS (U-U-002-1028)	724, 810 724, 810	Gasoline
KAWASAKI HEAVY INDUSTRIES, LTD.	KKAXS.8522CA (U-U-004-0767) JKAXS.8522CA (U-U-004-0758)	852 852	
	KKAXS.7262CA (U-U-004-0765) JKAXS.7262CA (U-U-004-0750)	726 726	
	KKAXS.6032CB (U-U-004-0772) JKAXS.6032CB (U-U-004-0744)	603 603	
	KKAXS.7262CC (TBC) JKAXS.7262CC (U-U-004-0752)	726 726	
	KKAXS.7262CB (U-U-004-0766) JKAXS.7262CB (U-U-004-0751)	726 726	
	KKAXS.7262IA (U-U-004-0777) JKAXS.7262IA (U-U-004-0753)	726 726	

ATTACHMENT PAGE 1 OF 2
EDA U-U-002-1058
HC: 4-12-19

Small 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 (I or II)	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	5901678			X	II	Carb	24.71	23.65	0.56	Multi-layer	787	6.4	KKAXS.6032CB JKAXS.6032CB	Q-08-027a	G-05-018 Q-14-008	Q-09-023
	5901688			X	II	Carb	18.87+18.87 (dual tanks)	13.48+13.48 (dual tanks)	1.41	Multi-layer	1,676	6.4	KKAXS.6032CB JKAXS.6032CB	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901707			X	II	Carb	24.90	23.80	0.7	Multi-layer	1346	6.4	KKAXS.7262CB JKAXS.7262CB	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901386			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	KKAXS.7262CA JKAXS.7262CA	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901687			X	II	Carb	24.71	23.65	0.56	Multi-layer	787	6.4	KKAXS.7262CC JKAXS.7262CC	Q-08-027a	G-05-018 Q-14-008	Q-09-023
	5901538			X	II	FI	27.45	21.77	0.76	Multi-layer	356	6.4	KKAXS.7262IA JKAXS.7262IA	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901652			X	II	Carb	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2438	6.4	KKAXS.8522CA JKAXS.8522CA	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901715			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	KBSXS.8102VS JBSXS.8102VS	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901716			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	KBSXS.8102VS JBSXS.8102VS	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901614			X	II	Carb	18.45	12.78	0.63	Multi-layer	711	6.4	KBSXS.8102VS JBSXS.8102VS	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901616			X	II	Carb	18.69+18.69 (dual tanks)	13.01+13.01 (dual tanks)	1.25	Multi-layer	1,676	6.4	KBSXS.8102VS JBSXS.8102VS	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901689			X	II	Carb	18.87+18.87 (dual tanks)	13.48+13.48 (dual tanks)	1.41	Multi-layer	1,676	6.4	KBSXS.8102VS JBSXS.8102VS	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901813			X	II	Carb	24.90	23.80	0.70	Multi-layer	1,346	6.4	KBSXS.8102VS JBSXS.8102VS	Q-08-027a	G-05-018 Q-14-008	Q-09-021

	5901815			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	KKAXS.7262CA JKAXS.7262CA	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901818			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	KKAXS.7262CA JKAXS.7262CA	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901820			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	KKAXS.7262IA JKAXS.7262IA	Q-08-027a	G-05-018 Q-14-008	Q-09-021
	5901812			X	II	Carb	24.90	23.80	0.70	Multi-layer	1,346	6.4	KKAXS.7262CB JKAXS.7262CB	Q-08-027a	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)