California Environmental Protection Agency **Air Resources Board**	BRIGGS & STRATTON CORPORATION	**EXECUTIVE ORDER U-U-002-0831** 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 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	
KOHLER COMPANY	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**
2014	CPR4	12.78, 13.01, 19.87, 20.35, 20.82, 21.77, 29.37	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	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 16th day of December 2013.

Erik White, Chief
Mobile Source Operations Division

SUPERSEDED

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	DBSXS.7242VN (U-U-002-0749-2) EBSXS.8102VS (U-U-002-0827)	724 724, 810	Gasoline
KAWASAKI HEAVY INDUSTRIES, LTD.	DKAXS.8522CA (U-U-004-0539) EKAXS.8522CA (U-U-004-0573) DKAXS.7262CA (U-U-004-0547) EKAXS.7262CA (U-U-004-0583) DKAXS.6032CA (U-U-004-0555) EKAXS.6032CA (U-U-004-0581) DKAXS.6032CB (U-U-004-0563) EKAXS.6032CB (U-U-004-0587) DKAXS.7262CC (U-U-004-0549) EKAXS.7262CC (U-U-004-0579)	852 852 726 726 603 603 603 603 726 726	
KOHLER COMPANY	DKHXS.7472PC (U-U-005-0402) EKHXS.7472PC (U-U-005-0430)	747 747	

SUPERSEDED

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	5901301			X	II	Carb	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,083	6.4	DKAXS.8522CA EKAXS.8522CA	Q-08-027a	G-05-018	Q-09-021
	5901304			X	II	FI	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,286	6.4	DKHXS.7472PC EKHXS.7472PC	Q-08-027a	G-05-018	Q-09-021
	5901307			X	II	Carb	26.50+26.50 (dual tanks)	20.82+20.82 (dual tanks)	1.69	Multi-layer	2,083	6.4	DKAXS.8522CA EKAXS.8522CA	Q-08-027a	G-05-018	Q-09-021
	5901254			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901309			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901255			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901222			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	DKAXS.6032CA EKAXS.6032CA	Q-08-027a	G-05-018	Q-09-021
	5901223			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	DKAXS.6032CA EKAXS.6032CA	Q-08-027a	G-05-018	Q-09-021
	5901257			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901256			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901258			X	II	Carb	27.45	21.77	0.76	Multi-layer	559	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021

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

SUPERSEDED

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								
	5901224			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5901243			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5901228			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5901225			X	II	Carb	27.45	21.77	0.76	Multi-layer	356	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5900533			X	II	Carb	26.50	20.82	0.85	Multi-layer	2,134	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5901269			X	II	Carb	25.55	19.87	0.68	Multi-layer	787	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901268			X	II	Carb	25.55	19.87	0.68	Multi-layer	787	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901278			X	II	Carb	25.55	19.87	0.68	Multi-layer	787	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901021			X	II	Carb	26.03+26..03 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,438	6.4	DKAXS.8522CA EKAXS.8522CA	Q-08-027a	G-05-018	Q-09-021
	5901233			X	II	FI	26.03+26..03 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,743	6.4	DKHXS.7472PC EKHXS.7472PC	Q-08-027a	G-05-018	Q-09-021
	5901289			X	II	Carb	26.03+26..03 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,515	6.4	DKAXS.7262CC EKAXS.7262CC	Q-08-027a	G-05-018	Q-09-021

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

SUPERSEDED

ED #U-U-002-0831

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								
	5901290			X	II	Carb	26.03+26..03 (dual tanks)	20.35+20.35 (dual tanks)	1.69	Multi-layer	2,515	6.4	DKAXS.7262CC EKAXS.7262CC	Q-08-027a	G-05-018	Q-09-021
	5900570			X	II	Carb	18.69+18.69 (dual tanks)	13.01+13.01 (dual tanks)	1.25	Multi-layer	1,676	6.4	DKAXS.6032CB EKAXS.6032CB	Q-08-027a	G-05-018	Q-09-023
	5900571			X	II	Carb	18.69+18.69 (dual tanks)	13.01+13.01 (dual tanks)	1.25	Multi-layer	1,676	6.4	DKAXS.6032CB EKAXS.6032CB	Q-08-027a	G-05-018	Q-09-023
	5901209			X	II	Carb	18.69+18.69 (dual tanks)	13.01+13.01 (dual tanks)	1.25	Multi-layer	1,676	6.4	DKAXS.6032CB EKAXS.6032CB	Q-08-027a	G-05-018	Q-09-023
	5901272			X	II	Carb	18.45	12.78	0.63	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901270			X	II	Carb	25.55	19.87	0.68	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901274			X	II	Carb	25.55	19.87	0.68	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901273			X	II	Carb	18.69+18.69 (dual tanks)	13.01+13.01 (dual tanks)	1.25	Multi-layer	1,676	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-023
	5901275			X	II	Carb	25.55	19.87	0.68	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901276			X	II	Carb	25.55	19.87	0.68	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901271			X	II	Carb	25.55	19.87	0.68	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021

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

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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								
	5901277			X	II	Carb	25.55	19.87	0.68	Multi-layer	711	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901246			X	II	Carb	27.45	21.77	0.90	Multi-layer	1,219	6.4	DBSXS.7242VN EBSXS.8102VS	Q-08-027a	G-05-018	Q-09-021
	5901247			X	II	Carb	27.45	21.77	0.90	Multi-layer	711	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5901249			X	II	Carb	27.45	21.77	0.90	Multi-layer	711	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-021
	5900551			X	II	Carb	35.05	29.37	0.74	Multi-layer	610	6.4	DKAXS.7262CA EKAXS.7262CA	Q-08-027a	G-05-018	Q-09-023

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SUPERSEDED