EXECUTIVE ORDER U-U-160-0037-1 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-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 D	ESCRIPTION				
	MANUFACTURER	ENGINE FAMIL	Y (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleun gas)		
KAWA	SAKI HEAVY INDUSTRIES, LTD	FKAXS.72620 EKAXS.72620	CA (U-U-004-0583) CA (U-U-004-0609) CB (U-U-004-0578) CB (U-U-004-0610)	726			
	KOHLER COMPANY		GB (U-U-005-0425) GB (U-U-005-0458)	725, 747	Gasoline		
BRIGG	S & STRATTON CORPORATION	FBSXS.5002V EBSXS.7242V EBSXS.6562V	V (U-U-002-0807-1) V (U-U-002-0892) /A (U-U-002-0821) /E (U-U-002-0809) /E (U-U-002-0870)	500, 656, 724			
	Attachment Be Certified	EQUIPMENT	DESCRIPTION				
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	E	QUIPMENT A	PPLICATION		
2015	CPARNB02	See Attachment		Riding N	ower		
EMISSIO	N CONTROL SYSTEMS (ECS)		ENGINE and/or	EQUIPMENT I	MODEL		
	Canister/HDPE		See A	Attachment			

(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/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable.

*=not applicable		DE	SIGN BASED			
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/day)	CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/lite		
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	
15	C-U-05-013, G-05-018, Q-14-008, Q-08-013	1.5	Q-07-019	1.4	Q-09-021, Q-09-023, Q-09-024	

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.

This Executive Order hereby supersedes Executive Order U-U-160-0037 dated November 24, 2014.

Executed at El Monte, California on this \_\_\_\_\_ day of March 2015.

The running loss emissions control has been demonstrated by the manufacturer.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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## Small Off-Road Evaporative Certification Database Form (Supplementary Information)

## **MODEL SUMMARY**

S1.	S2.		S3.		S4.	S5.	S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model	Sales Codes (check all appropriate)		Engine Class (I or	Fuel System (FI or	Fuel Tank Vol.	Fuel Tank Internal	Fuel Line Type	e Fuel De Line	Fuel Line Inside	Exhaust Family	Fuel Tank Executive	Fuel Line Executive Order	Carbon Canister or Other	
		CA Only	49- State	50- State	II)	CARB)	(Liters)	Surface Area (m²)		Length <sup>(1)</sup> (mm)	Diameter (mm)		Order		Venting Control Executive Order
	915168 Gravely	х			Ш	CARB	7.62	.26	Multi	445	6.35	EBSXS.5002VV FBSXS.5002VV	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915169 Ariens	х			П	CARB	7.62	.26	Multi	445	6.35	EBSXS.5002VV FBSXS.5002VV	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915171 Ariens	х			II	CARB	7.62	.26	Multi	445	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915176 Gravely	х			II	CARB	11.9	.34	Multi	508	6.35	EKAXS.7262CB FKAXS.7262CB EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915179 Ariens	х			II	CARB	11.9	.34	Multi	508	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915193 Ariens	х			11	CARB	8.27	.26	Multi	445	6.35	EBSXS.6562VE FBSXS.7242VE	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915194 Gravely	х			II	CARB	8.27	.26	Multi	445	6.35	FBSXS.7242VE	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915195 Ariens	х			II	CARB	19.7	.57	Multi	635	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021

	915196 Gravely	x	п	CARB	8.27	.26	Multi	445	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-024
	915198 Gravely	х	п	CARB	19.7	.57	Multi	635	6.35	EKAXS.7262CB FKAXS.7262CB EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
х	991099 Gravely	х	п	CARB	32.60	.70	Multi	635	6.35	EKAXS.7262CB FKAXS.7262CB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
	991101 Gravely	х	п	CARB	32.60	.70	Multi	635	6.35	EKAXS.7262CB FKAXS.7262CB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
	991111 Gravely	х	11	CARB	32.60	.70	Multi	635	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
	991112 Gravely	х	11	CARB	32.60	70	Multi	635	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
	991114 Gravely	х	п	CARB	32.60	.70	Multi	635	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
	991118 Ariens	х .	п	CARB	32.60	.70	Multi	635	6.35	EKHXS.7252GB FKHXS.7252GB	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-02:
	991204 Gravely	х	п	CARB	32.60	.70	Multi	470	6.35	EKAXS.7262CA FKAXS.7262CA	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
	991205 Gravely	х	п	CARB	32.60	.70	Multi	470	6.35	EKAXS.7262CA FKAXS.7262CA	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-022
	991206 Gravely	х	п	CARB	32.60	.70	Multi	470	6.35	EKAXS.7262CA FKAXS.7262CA	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-02

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	991214 Gravely	х		II	CARB	32.60	.70	Multi	470	6.35	EKAXS.7262CA FKAXS.7262CA	Q-07-019	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-023
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The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm)

(1)