

KUNZ ENGINEERING, INC.

EXECUTIVE ORDER U-U-199-0008

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 FAN	IILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
BRIGGS	S & STRATTON CORPORATION	JBSXS.5402	2VT (U-U-002-1025) 2VL (U-U-002-1024) 2VS (U-U-002-1028)	540, 656, 724, 810	Gasoline			
	KOHLER COMPANY	JKHXS.7472	GD (U-U-005-0573)	725, 747	Gasoline			
	Attachment e Certifled EVAPORATIVE FAMILY	EQUIPMEN FUEL TANK SIZE (liters)	IT DESCRIPTION	QUIPMENT A	PPLICATION			
2018	CO	11.36 Pull Behind Mower						
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL						
	Canister/Other	See Attachment						

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			
1	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/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	Q-14-008		•	1.4	Q-09-024	

BE IT FURTHER RESOLVED: That the listed equipment is in conformance with the evaporative emission requirements specified in 13 CCR Section 2766(b) (small production volume tank exemption).

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 ______ day of January 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

ATTACHMENT BIJEI

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

MODEL SUMMARY

4-4-199-0008

S1.	S2.		S3.		S4.	S5.	S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model	l	Codes (appropri		Engine Class (I or II)	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface Area (m²)	Fuel Line Type	Nominal Fuel Line Length ⁽¹⁾ (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control Executive Order
х	Pro60K	х			II	CARB	11.36	.38	Multi- layer	813	6.4	JKHXS.7472GD	Exempt Small Vol.	Q-14- 008	Q-09-024
	H60B	х			11	CARB	11.36	.38	Multi- layer	660	6.4	JBSXS.5402VL	Exempt Small Vol.	Q-14- 008	Q-09-024
	MR44BC	Х			H	CARB	11.36	.38	Multi- layer	660	6.4	JBSXS.6562VT	Exempt Small Vol.	Q-14- 008	Q-09-024
	MR55B	Х			ı	CARB	11.36	.38	Multi- layer	660	6.4	JBSXS.8102VS	Exempt Small Vol.	Q-14- 008	Q-09-024
	MR44B	Х		~~	11	CARB	11.36	.38	Multi- layer	660	6.4	JBSXS.5402VL	Exempt Small Vol.	Q-14- 008	Q-09-024
	C60BE	х			11	CARB	11.36	.38	Multi- layer	660	6.4	JBSXS.6562VT	Exempt Small Vol.	Q-14- 008	Q-09-024
	MR55KE	x			, II	CARB	11.36	.38	Multi- layer	813	6.4	JKHXS.7472GD	Exempt Small Vol.	Q-14- 008	Q-09-024

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