

THE TORO COMPANY

EXECUTIVE ORDER U-U-052-0245
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	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleun gas)			
	KOHLER COMPANY	JKHXS.72520	GC (U-U-005-0567-1)	725	Gasoline			
TBC = To E	Attachment Be Certified		NT DESCRIPTION					
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION					
		10.0.27.0	uum Carauar					
2019	COKL4XBM	18.9, 37.9	LE	eaf Blower/Vac	dum, Sprayer			
	COKL4XBM N CONTROL SYSTEMS (ECS)	16.9, 37.9	ENGINE and/or I					

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

*=not applicable		DE	SIGN BASED			
	OSE PERMEATION Ims 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	G-05-018, Q-14-008	1.5	Innovative Product: Q-08-027	1.4 C-U-07-016A, Q-09-027		

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.

day of October 2018.

Executed at El Monte. California on this

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Attachment, 1 of 1

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 (all appropri CA 49- Only State	appropri	ppropriate)		Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)		Fuel Tank Internal Surface	Fuel Line Type	Nominal Fuel Line Length ⁽¹⁾	Fuel Line Inside Diameter	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting
Olicy			50- State	11)	Total		Nominal	Area (m²)		(mm)	(mm)		Oluci		Control Executive Order	
	41188			Х	11	Carb	21.2	18.9	.487	Multilayer	2997	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	C-U-07- 016A
	44551			х	II	Carb	21.2	18.9	.487	Multilayer	1835	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	C-U-07- 016A
	44551			х	П	Carb	42.01	37.9	.721	Multilayer	2038	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	Q-09-027
	44552			х	11	Carb	21.2	18.9	.487	Multilayer	1835	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	C-U-07- 016A
	44552			Х	II	Carb	42.01	37.9	.721	Multilayer	2038	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	Q-09-027
	44553			Х	11	Carb	21.2	18.9	.487	Multilayer	1835	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	C-U-07- 016A
	44553			X	II	Carb	42.01	37.9	.721	Multilayer	2038	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	Q-09-027
	44554			χ,	11	Carb	21.2	18.9	.487	Multilayer	1835	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	C-U-07- 016A
	44554			Х	11	Carb	42.01	37.9	.721	Multilayer	2038	6.35	JKHXS.7252GC	Q-08-027	G-05-018 Q-14-008	Q-09-027

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