

THE TORO COMPANY

EXECUTIVE ORDER U-U-052-0250 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 FAM	AILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)						
	KOHLER COMPANY	JKHXS.7252	GC (U-U-005-0567-1)	725	Gasoline						
S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION MODEL SUPPLIES AND SERVICE SAME SERVICES AND SERVICES											
YEAR	EVAPORATIVE FAMILY	(liters) EQUIPMENT APPLICATION									
2019	COKL4XAV	22.0 Compact Utility Loader									
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
	Canister/Other	See Attachment									
Metal=M Tre	eated HDPE or PE=P Co-extruded=C	Selar=L Nylon=N Acetal=A	Other=O B EVAPORATIVE	FAMILY 2-Lette	Other=O 2. <u>Tank Barrier Type and Code</u> or CODE (Venting Control Codes =C, S, O 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. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable	DESIGN BASED									
	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	G-05-018, Q-14-008	1.5	Innovative Product: Q-08-027A	1.4 C-U-07-016A						

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.		86.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Case Equipment (Check Model		Sales Codes (check all appropriate)		Engine Class (I or II)	(I System	Fuel Tank Vol. (Liters)		Fuel Tank Internal Surface	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
		CA Only	49- State	50- State			Total	Nominal	Area (m²)						,	Control Executive Order
	Dingo TX427															
	22321			х	11	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	JKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A
	22321G			х	II	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	JKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A
	22322			х	11	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	JKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A
	22342HD			х	II	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	JKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A
							4-11		4							
								11.								

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