THE TORO COMPANY

EXECUTIVE ORDER U-U-052-0221 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	DESCRIPTION									
	MANUFACTURER	ENGINE FAM	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)							
	KOHLER COMPANY	HKHXS.7252	GC (U-U-005-0528-1)	725	Gasoline							
S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION MODEL EVAPORATIVE FAMILY FUEL TANK SIZE EQUIPMENT APPLICATION												
YEAR 2018	COJL4XAV	(liters) 22.0	······································									
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL										
	Canister/Other	See Attachment										
Metal=M Tr	eated HDPE or PE=P_Co-extruded=C_S	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Lette	other=O 2. <u>Tank Barrier Type and Code</u> : r 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	NDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		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.

Executed at El Monte, California on this day of September 2017.

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			Engine Class (I or II)	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters) Total Nominal		Fuel Tank Internal Surface Area	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
		Only	State	State					(m ²)							Executive Order
	Dingo TX427															
	22321			х	II	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	HKHXS.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	HKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A
	22322			х	II	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	HKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A
	22342HD			х	11	CARB	22.7	22.0	0.703	Multilayer	1031	6.35	HKHXS.7252GC	Q-08- 027A	G-05-018 Q-14-008	C-U-07- 016A

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