## THE TORO COMPANY

EXECUTIVE ORDER U-U-052-0281-1 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-19-095:

**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 FAMILY (E.	O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)						
KAWAS	AKI HEAVY INDUSTRIES, LTD.	LKAXS.7262CG (U-L MKAXS.7262CG (U		726 726	Gasoline						
	KOHLER COMPANY	LKHXS.7472GH (U- MKHXS.7472GH (U		725, 747 725, 747	Gasuille						
	S.A. = See Attachment TBC = To Be Certified  EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION								
2021	L4XCCMCJ	See Attachment	ZTR – Commercial								
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
(	Canister/Co-extruded	See Attachment									
A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code: Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code: Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes = C, S, O); (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, as applicable), and certification levels in g organic material hydrocarbon equivalent day or g ROG·m<sup>-2</sup>·day<sup>-1</sup> or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD  (g organic material hydrocarbon equivalent day¹)										
1.20 + 0.056 × Nominal Capacity (L)										
	INE PERMEATION ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		FANK PERMEATION ROG·m <sup>-2</sup> ·day <sup>-1</sup> )	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)						
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER					
15	15 See Attachment		See Attachment	1.4	See Attachment					

**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), Section 2774 (bond requirements) 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 evaporative 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-052-0281 dated July 21, 2020.

Executed on this //th day of July 2021.

Allen Lyons, Chief

**Emissions Certification and Compliance Division** 

Date: <u>05/9/2021</u>

Evaporative Family: <u>L4XCCMCJ</u>

Model Summary

For CARB Use Only Executive Order: U-U-052-0281-1 Attachment \_1\_of\_1\_

		Sales Codes	(Check all			Se Fuel Tank Vo									
S1. Worst Case (Check One)	S2. Model	approp Calif. Only	50-State	S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
	74495	х		II	CARB	43.6	31.8	0.99	Multilayer	1311	6.35	LKAXS.7262CG MKAXS.7262CG	Q-19-073	Q-19-003 Q-19-002	Q-19-064
	74496	х		II	CARB	43.6	31.8	0.99	Multilayer	1311	6.35	LKAXS.7262CG MKAXS.7262CG	Q-19-073	Q-19-003 Q-19-002	Q-19-064
	74497	Х		II	CARB	43.6	31.8	0.99	Multilayer	1311	6.35	LKAXS.7262CG MKAXS.7262CG	Q-19-073	Q-19-003 Q-19-002	Q-19-064
	77248	X		II	CARB	43.6	31.8	0.99	Multilayer	1311	6.35	LKAXS.7262CG MKAXS.7262CG	Q-19-073	Q-19-003 Q-19-002	Q-19-064
	77260	Х		II	CARB	43.6	31.8	0.99	Multilayer	1311	6.35	LKAXS.7262CG MKAXS.7262CG	Q-19-073	Q-19-003 Q-19-002	Q-19-064
	RAE720CKCXXXXX	Х		II	CARB	43.6	31.8	0.99	Multilayer	1747	6.35	LKHXS.7472GH MKHXS.7472GH	Q-19-073	Q-19-003 Q-19-002	Q-19-064
Х	RAE740CKCXXXXX	х		II	CARB	43.6	31.8	0.99	Multilayer	1747	6.35	LKHXS.7472GH MKHXS.7472GH	Q-19-073	Q-19-003 Q-19-002	Q-19-064