CALIFORNIA AIR RESOURCES BOARD	THE TORO COMPANY	**EXECUTIVE ORDER U-U-052-0308** 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)
KOHLER COMPANY	MKHXS.7252GD (U-U-005-0698)	725	Gasoline

S.A. = See Attachment
TBC = To Be Certified

EQUIPMENT DESCRIPTION

MODEL YEAR	**EVAPORATIVE FAMILY**	**FUEL TANK NOMINAL CAPACITY (liters)**	**EQUIPMENT APPLICATION**
2022	L4XCONBM	See Attachment	Leaf Blower/Vacuum, Other

EMISSION CONTROL SYSTEMS (ECS)	**ENGINE and/or EQUIPMENT MODEL**
Canister/Other	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^{-1} or g ROG·m^{-2}·day^{-1} 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·day^{-1})					
1.20 + 0.056 × Nominal Capacity (L)					
FUEL LINE PERMEATION (g ROG·m^{-2}·day^{-1})		**FUEL TANK PERMEATION** (g ROG·m^{-2}·day^{-1})		**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	See Attachment	1.5	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.

Executed on this 30th day of October 2021.

Allen Lyons, Chief
Emissions Certification and Compliance Division

SORE Evap > 80cc Model Summary Template (rev. 2020)

For CARB Use Only
Executive Order: U-U-052-0308
Attachment _1_of_1_

Date: _8/2/2021__
Evaporative Family: L4XCONBM

Model Summary

		S3. Sales Codes (Check all appropriate)				S6. Fuel Tank Volume (Liters)									
S1. Worst Case (Check One)	S2. Model	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)
	41188		X	II	Carb	23.31	18.88	0.494	Multilayer	2997	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-066
	44552		X	II	Carb	23.31	18.88	0.494	Multilayer	1835	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-066
X	44552		X	II	Carb	45.5	35.49	0.755	Multilayer	2038	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-056
	44553		X	II	Carb	23.31	18.88	0.494	Multilayer	1835	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-066
	44553		X	II	Carb	45.5	35.49	0.755	Multilayer	2038	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-056
	44554		X	II	Carb	23.31	18.88	0.494	Multilayer	1835	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-066
	44554		X	II	Carb	45.5	35.49	0.755	Multilayer	2038	6.35	MKHXS.7252GD	Q-19-109B	Q-19-003 Q-19-002	Q-19-056