

EXECUTIVE ORDER U-U-052-0335 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	NKHXS.7252GD NKHXS.7472PF	` ,	725 747	Gasoline					
ВІ	RIGGS & STRATTON, LLC	NBSXS.4082HE	(U-U-002-1221)	408	Gusoniic					
TBC = To Be Certified  EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	CAPACITY EQUIPMENT APPLICATION							
2023	L4XCOPCP	See Attachment	Leaf Blower/Vacuum, Utility Cart/Vehicle, ZTR - Commercial, Other							
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL								
	Canister/Other	See Attachment								
A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. <u>Venting Control Type and Code</u> : Canister=C Sealed Tank=S Other=O 2. <u>Tank Barrier Type and Code</u> : Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. <b>EVAPORATIVE FAMILY 2-Letter CODE</b> (Venting Control Codes = C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). <u>Note</u> : 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 standard (Title 13, California Code of Regulations, 13 CCR Section 2754 or 2754.1, as applicable), and certification level in g organic material hydrocarbon equivalent day. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable	DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent day⁻¹)							
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL					
1.20 + 0.056 × Nominal Capacity (L)	*	= (STANDARD) - (EFELD)	0.29					

**BE IT FURTHER RESOLVED:** That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

**BE IT FURTHER RESOLVED:** That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1.

**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 \_\_\_\_\_ day of November 2022.

Robin U. Lang, Chief

Colma Shi for

**Emissions Certification and Compliance Division** 

Date: <u>09/01/2022</u> Evaporative Family: <u>L4XCOPCP</u>

Model Summary

For CARB Use Only Executive Order: U-U-052-0335 Attachment \_1\_of\_1\_

		S	3.			S6.									,
		Sales Codes (Check all appropriate)		,		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)
	44552		х	II	Carb	23.31	18.88	0.494	Multilayer	1835	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-066
Х	44552		Х	II	Carb	45.5	35.49	0.755	Multilayer	2038	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-056A
	44553		х	Ш	Carb	23.31	18.88	0.494	Multilayer	1835	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-066
	44553		х	II	Carb	45.5	35.49	0.755	Multilayer	2038	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-056A
	44554		Х	II	Carb	23.31	18.88	0.494	Multilayer	1835	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-066
	44554		Х	II	Carb	45.5	35.49	0.755	Multilayer	2038	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-056A
	VXS740AKCXXXXX		Х	II	FI	34.8	30.2	0.779	Multilayer	889/1463	6.35/4.57	NKHXS.7472PF	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-064
	08839		Х	II	Carb	39.3	30.2	1.043	Multilayer	1361	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-056A
	08841		Х	II	Carb	39.3	30.2	1.043	Multilayer	1361	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-056A
	08914		х	П	FI	20.74	18.74	0.427	Multilayer	2670	6.35	NBSXS.4082HE	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002), Q-22-032 (Q-18-024)	Q-19-066
	08914TC		х	П	FI	20.74	18.74	0.427	Multilayer	2670	6.35	NBSXS.4082HE	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002), Q-22-032 (Q-18-024)	Q-19-066
	08916		X	П	FI	20.74	18.74	0.427	Multilayer	2670	6.35	NBSXS.4082HE	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002), Q-22-032 (Q-18-024)	Q-19-066
	08918		х	П	FI	20.74	18.74	0.427	Multilayer	2670	6.35	NBSXS.4082HE	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002), Q-22-032 (Q-18-024)	Q-19-066
	ZA5840		Х	II	Carb	39.3	30.2	1.043	Multilayer	1361	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-056A
	41188		Х	II	Carb	23.31	18.88	0.494	Multilayer	2997	6.35	NKHXS.7252GD	N/A	Q-19-003A (Q-19-003), Q-19-002A (Q-19-002)	Q-19-066
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