## **HUSQVARNA ZENOAH CO., LTD.**

EXECUTIVE ORDER U-U-016-0668

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)				
HUS	QVARNA ZENOAH CO., LTD.	PHQZS.0434HL	(U-U-016-0653)	43	Gasoline				
TBC = To Be Certified  EQUIPMENT DESCRIPTION									
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION						
2023	PHQZS.0434HL	See Attachment	Attachment Chainsaw						
EMISS	ION CONTROL SYSTEMS	ENGINE and/or EQUIPMENT MODEL(S)							
	N	See Attachment							
TANK TYPE: S-sealed M-metal P-treated HDPE or PE C-coextruded L-selar N-nylon A-acetal O-other (specify)									

The following are the evaporative emission standard (Title 13, California Code of Regulations, 13 CCR Section 2755 or 2757, as applicable), and certification level in g ROG·m<sup>-2</sup>·day<sup>-1</sup> for this evaporative family or the component Executive Order, as applicable.

*=not applicable	*=not applicable PERMEATION EMISSION STANDARDS								
	FUEL LINE PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )	FUEL TANK PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )							
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER						
225	See Attachment	2.0	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 16th day of December 2022.

Robin U. Lang, Chief

**Emissions Certification and Compliance Division** 

SORE Evaporative < 80cc Model Summary Template (rev. 2020)

Date: 2022/10/4

Evaporative Family: PHQZS.0434HL

Model Summary

For CARB Use Only
Executive Order: U-U-016-0668
Attachment \_\_1\_of\_1\_

	I	12	13. 14.									
		Sales Codes		Fuel Tank Volume (Liters)								
		(Check all appropriate)		ruei Tarik Volume (Liters)								
11.	12.	Calif. Only	50-State	Total	Nominal	15.	16.	17.	18.	19.	20.	21.
Worst Case	Model	cum cm,	oo otate			Fuel Tank Internal	Fuel Line Type (e.g.		Fuel Line Internal Diameter	Exhaust Family	Fuel Tank	Fuel Line
(Check One)	Wiodei					Surface Area (m^2)	Single or Multi-	(mm)	(mm)	Exhaustranny	Component	Component
(Check One)						Surface Area (III 2)	Layer)	(11111)	()		Executive Order	Executive Order
							Layer				Executive Order	Executive Order
												Q-19-032A
×	543XP		×	0.42	0.41	0.040	Single	215	2.5	PHQZS.0434HL	Q-19-120	(Q-19-032)
				0.40		2.212	e: 1	245	0.5		0.40.400	Q-19-032A
	GZ4350		×	0.42	0.41	0.040	Single	215	2.5	PHQZS.0434HL	Q-19-120	(Q-19-032)
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