



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)
Husqvarna Zenoah Co., Ltd.	LHQZS.0354HJ (U-U-016-0566)	35	Gasoline
TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2020	LHQZS.0354HJ	See Attachment	Chainsaw
EMISSION 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⁻²·day⁻¹ for this evaporative family or the component Executive Order, as applicable.

PERMEATION EMISSION STANDARDS			
FUEL LINE PERMEATION (g ROG·m ⁻² ·day ⁻¹)		FUEL TANK PERMEATION (g ROG·m ⁻² ·day ⁻¹)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
225	Q-19-032	2.0	Q-19-120

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 at El Monte, California on this 4th day of December 2019.

Allen Lyons, Chief
Emissions Certification and Compliance Division

Model Summary Sheet

(In #11, identify the fuel tank model exhibiting the highest permeation rate relative to the applicable permeation emission standard.)

11. Worst Case (Check One)	12. Model	13. Sales Codes (Check all appropriate)		14. Fuel Tank Volume (Liters)		15. Fuel Tank Internal Surface Area (m ²)	16. Fuel Line Type (e.g. Single or Multi- Layer)	17. Fuel Line Length (mm)	18. Fuel Line Internal Diameter (mm)	19. Exhaust Family	20. Fuel Tank Component Executive Order*	21. Fuel Line Component Executive Order*
		Calif. Only	50- State	Total	Nominal							
	GZ3500T		*	0.26	0.25	0.030	Single	200	2.5	LHQZS.0354HJ	Q-19-120	Q-19-032
	T435		*	0.29	0.26	0.032	Single	200	2.5	LHQZS.0354HJ	Q-19-120	Q-19-032
	CS2236T		*	0.26	0.25	0.030	Single	200	2.5	LHQZS.0354HJ	Q-19-120	Q-19-032
	GZ360		*	0.30	0.30	0.035	Single	235	2.5	LHQZS.0354HJ	Q-19-120	Q-19-032
*	439		*	0.30	0.30	0.035	Single	235	2.5	LHQZS.0354HJ	Q-19-120	Q-19-032

*If not using CARB Component EOs, fill out test data information in #26-31.