

## **ECHO INCORPORATED**

EXECUTIVE ORDER U-U-010-1223 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 DES	CRIPTION					
	MANUFACTURER	ENGINE FAMILY	(E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
1	ECHO INCORPORATED	LEHXS.0344SA	(U-U-010-1211)	34 Gasoline				
TBC = To Be	Certified	EQUIPMENT DI	ESCRIPTION	_	allande. Militaria de la como de			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION					
2020	LEHXS.0344SA	0.280	Chainsaw					
EMISS	ION CONTROL SYSTEMS	ENGINE and/or EQUIPMENT MODEL(S)						
	N		See Attachment					
TANK TYPE:	S=sealed M=metal P=treated HDPE of	r PE C=coextruded L=selar N=n	ylon 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	PERMEATION EMISSION STANDARDS								
	FUEL LINE PERMEATION (g ROG·m²·day¹)	FUEL TANK PERMEATION (g ROG·m²-day¹)							
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER						
15	Q-19-032	2.0	Q-19-148						

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.

day of March 2020.

Executed at El Monte, California on this 574

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)  Calif. 50- Only State		Codes 14. ck all Fuel Tank priate) Volume (Liters)  Total Nominal		15. Fuel Tank Internal Surface Area (m²)	16. Fuel Line Type (e.g. Single or Multi- Layer)	17. Fuel Line Length (mm)	18. Fuel Line Internal Diameter (mm)	19.	20. Fuel Tank Component Executive Order*	21. Fuel Line Component Executive Order*
х	CS-3510		x	0.3137	0.280	0.03617	Single	85	3	LEHXS.0344SA	Q-19-148	Q-19-032
		:										`.

<sup>\*</sup>If not using CARB Component EOs, fill out test data information in #26-31.