

ECHO INCORPORATED

EXECUTIVE ORDER U-U-010-1403 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 D	ESCRIPTION				
	MANUFACTURER	ENGINE FAMILY	(E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)		
I	ECHO INCORPORATED	PEHXS.0254EO (U-U-010-1402)		25	Gasoline		
TBC = To Be	Certified	EQUIPMENT	DESCRIPTION	1			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPMENT APPLICATION			
2023	PEHXS.0254EO	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=r	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⁻²·day⁻¹ for this evaporative family or the component Executive Order, as applicable.

*=not applicable	*=not 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	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 <u>27th</u> day of October 2022.

Robin U. Lang, Chief

Emissions Certification and Compliance Division

Jolin U. Lang

Date: 9/1/2022

Evaporative Family: PEHXS.0254EO

Model Summary

For CARB Use Only
Executive Order: U-U-010-1403
Attachment _1_of_1_

Worst Case (Check One)	Total (0.2056	Nominal	15. Fuel Tank Internal Surface Area (m^2)	16. Fuel Line Type (e.g.	17.	18.	19.	20.	21.
			Surface Area (iii 2)	Single or Multi- Layer)	Fuel Line Length (mm)	Fuel Line Internal Diameter (mm)	Exhaust Family	Fuel Tank Component Executive Order	Fuel Line Component Executive Order
X CS-2511T		0.190	0.02443	Single/Single	95/52	3/3	PEHXS.0254EO	Q-19-148	Q-19-032A/(Q-19-032)/Q-19-149
	0.2056	0.190	0.02443	Single/Single	95/52	3/3	PEHXS.0254EO	Q-19-148	Q-19-032A/(Q-19-032)/Q-19-149
	0.2056	0.190	0.02443	Single/Single	95/52	3/3	PEHXS.0254EO	Q-19-148	Q-19-032A/(Q-19-032)/Q-19-149
CS-2511PN	0.2056	0.190	0.02443	Single/Single	95/52	3/3	PEHXS.0254EO	Q-19-148	Q-19-032A/(Q-19-032)/Q-19-149
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