

ECHO INCORPORATED

EXECUTIVE ORDER U-U-010-1275New 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)					
	ECHO INCORPORATED	MEHXS.0364KC	(U-U-010-1274)	36	Gasoline					
TBC = To Be Certified EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION							
2021	MEHXS.0364KC	0.330	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=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⁻²·day⁻¹ 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·m ⁻² ·day ⁻¹)								
STANDARD	STANDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		CERTIFICATION LEVEL OR EXECUTIVE ORDER							
225	Q-19-032, Q-19-149	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.

Executed on this <u>23rd</u> day of September 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

For CARB Use Only
Executive Order: U-UAttachment _____ of ___

Model Summary Sheet

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

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21. Fuel Line Component Executive Order*		Q-19-032/ Q-19-149							
20. Fuel Tank Component Executive Order*		Q-19-148							
19. Exhaust Family		MEHXS.0364KC							
18. Fuel Line Internal Diameter (mm)		3/3							
17. Fuel Line Length (mm)		133/32							
16. Fuel Line	16. Fuel Line Type (e.g. Single or Multi-								
15. Fuel Tank Internal Surface Area (m²)		0.038							
14. Fuel Tank Volume (Liters)	Nominal	0:330							
Fue Volum	Total	0.35							
13. Sales Codes (Check all appropriate)	50- State	×							
	Calif. Only								
12. Model		CS-361P							
11. Worst Case (Check One)		×							