

ECHO INCORPORATED

EXECUTIVE ORDER U-U-010-1291 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)					
	ECHO INCORPORATED	MEHXS.0214BC	(U-U-010-1290)	21	Gasoline					
TBC = To Be	Certified	EQUIPMENT DI	ESCRIPTION							
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION							
2021	MEHXS.0214BC	See Attachment	Chainsaw	insaw, Line Trimmer, Hedge Trimmer, Edger, Brushcutter and Other						
EMISS	ION CONTROL SYSTEMS	ENGINE and/or EQUIPMENT MODEL(S)								
	Р		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·m ⁻² ·day ⁻¹)	FUEL TANK PERMEATION (g ROG·m²·day¹)							
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER						
15	5 See Attachment		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 4th day of November 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.)

			i									
21. Fuel Line	Q-19-011	Q-19-011	Q-19-011	Q-19-011	Q-19-011	Q-19-011	Q-19-011	Q-19-011	Q-19-011			
20. Fuel Tank	Q-19-059A	Q-19-059A	Q-19-059A	Q-19-059A	Q-19-059A	Q-19-059A	Q-19-059A	Q-19-059A	Q-19-059A			
ģ	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC	MEHXS.0214BC			
18. Fuel Line Internal Diameter (mm)		3	3	3	3	3	3	3	3	3		
17. Fuel Line Length (mm)		19	19	19	19	19	19	19	19	19		
16. Fuel Line Type (e.g. Single or Multi-		Multi	Multi									
15. Fuel Tank Internal Surface Area (m²)		280.0	280.0	0.037	280.0	280.0	0.037	0.037	280.0	280.0		
l4. I Tank e (Liters)	Nominal	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427		
14. Fuel Ta Volume (l	Total	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427		
3. Codes ck all oriate)	50- State	×	×	×	×	×	X	×	×	×		
13. Sales Codes (Check all appropriate)	Calif. Only											
12. Model		SRM-225U	PPF-225	SHC-225	SHC-225S	FH235	M235	T235	SRM-2320T	GT-225L		
11. Worst Case (Check One)		×										