

ECHO INCORPORATED

EXECUTIVE ORDER U-U-010-1083 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-14-012;

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.

		EN	GINE DESCRIPTION					
	MANUFACTURER	ENGIN	ENGINE FAMILY (E.O. NUMBER)		FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
E	ECHO INCORPORATED	KEHX	KEHXS.0214EK (U-U-010-1082)		Gasoline			
* TBC = To E	Be Certified	EQUI	PMENT DESCRIPTION	<u> </u>				
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION					
2019	KEHXS.0214EK	0.543	Hedge Trimmer					
EMISSION	CONTROL SYSTEMS	ENGINE and/or EQUIPMENT MODEL(S)						
	Р	See Attachment						
TANK TYPE:	S=sealed M=metal P=treated	HDPE or PE C=coextrude	ed L=selar N=nylon A=acetal O=oth	ner (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 grams per square meter per day (g/m²/day) for this evaporative family or the component Executive Order, as applicable.

	DESIGN BASED FUEL TANK PERMEATION (g/m²/day)						
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER						
2.0	C-U-06-019, C-U-07-004, Q-17-058A						

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) 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 engine 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 _____ day of December 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Fithachment 1 of 1 11-11-010-1083

Supplementary Information

Model Summary (Use an asterisk (*) to identify "worst-case" engine or equipment model used for certification testing.)

17. Worst Case	18. Engine or Equipment Model	19. Sales Codes (Check all appropriate)		20. Fuel Tank Vol. (liters)	21. Fuel Tank Internal Surface Area	21(a). Fuel Tank Identification or part number	
		CA Onlv	49 State	50 State	(incre)	(m²)	number
*	HC-185			×	0.543	0.0435	CA01 or CA03 or CA04
*	HC-165			X	0.543	0.0435	CA01 or CA03 or CA04
*	HC-155			X	0.543	0.0435	CA01 or CA03 or CA04
*	HC-235			×	0.543	0.0435	CA01 or CA03 or CA04
*	HC-245			×	0.543	0.0435	CA01 or CA03 or CA04
	720						