| CALIFORNIA AIR RESOURCES BOARD | **ECHO INCORPORATED** | **EXECUTIVE ORDER U-U-010-1401** 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 | PEHXS.0214KO (U-U-010-1400) | 21 | Gasoline |

**TBC = To Be Certified**

| **EQUIPMENT DESCRIPTION** | | | |
|---|---|---|---|
| **MODEL YEAR** | **EVAPORATIVE FAMILY** | **FUEL TANK NOMINAL CAPACITY (liters)** | **EQUIPMENT APPLICATION** |
| 2023 | PEHXS.0214KO | See Attachment | Hedge Trimmer |
| **EMISSION CONTROL SYSTEMS** | | **ENGINE and/or EQUIPMENT MODEL(S)** | |
| P | | See Attachment | |

TANK TYPE: S=sealed M=metal P=treated HDPE or PE C=coextruded L=selar N=nylon 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·m$^{-2}$·day$^{-1}$) | |
| **STANDARD** | **CERTIFICATION LEVEL OR EXECUTIVE ORDER** | **STANDARD** | **CERTIFICATION LEVEL OR EXECUTIVE ORDER** |
| 15 | 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 26th day of May 2023.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

SORE Evaporative < 80cc Model Summary Template (rev. 2020)

Date: 11/21/2023
Evaporative Family: PEHXS.0214KO

For CARB Use Only
Executive Order: U-U-010-1401
Attachment _1_ of_1_
RC01: 12/01/2023

Model Summary

| | | 13. Sales Codes (Check all appropriate) | | 14. Fuel Tank Volume (Liters) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **11. Worst Case (Check One)** | **12. Model** | **Calif. Only** | **50-State** | **Total** | **Nominal** | **15. Fuel Tank Internal Surface Area (m^2)** | **16. Fuel Line Type (e.g. Single or Multi-Layer)** | **17. Fuel Line Length (mm)** | **18. Fuel Line Internal Diameter (mm)** | **19. Exhaust Family** | **20. Fuel Tank Component Executive Order** | **21. Fuel Line Component Executive Order** |
| X | HT235 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | HT232 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | DH232 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | DH235 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | HC-2210 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | HC-2810 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | HCS-2810 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |
| | HCS-3810 | | X | 0.3813 | 0.380 | 0.03832 | Multi | 74 | 3 | PEHXS.0214KO | Q-23-011/Q-23-011A/Q-23-016 | Q-19-011A (Q-19-011) |