CALIFORNIA AIR RESOURCES BOARD	ZHEJIANG CONSTANT ENGINE MADING CO., LTD	EXECUTIVE ORDER U-U-243-0117 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.

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TYPE
2024	ZCECM1H	Gasoline, Gasoline-Liquefied Petroleum Gas (LPG) Dual Fuel

EVAPORATIVE EMISSION CONTROL SYSTEMS	EQUIPMENT APPLICATION
Canister (C), Metal (M)	Generator Set

Equipment/evaporative systems certified by this Executive Order are further described in Attachment.

The following are the evaporative emission standard (Title 13, California Code of Regulations, 13 CCR Section 2754 or 2754.1, as applicable), and certification level in g organic material hydrocarbon equivalent·test^{-1}. The running loss emissions control has been demonstrated by the manufacturer.

HOT SOAK PLUS DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent·test^{-1})			
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL
0.60	*	= (STANDARD) – (EFELD)	0.49

*not applicable

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal or hot soak plus diurnal emission rate declared by the manufacturer based on evaporative emissions test results for the model of engine or equipment model within the evaporative family that is expected to exhibit the highest evaporative emission rate relative to the applicable diurnal or hot soak plus diurnal emission standard, obtained by following TP-902. No engine or equipment emissions within the evaporative family can have a diurnal emissions rate that is higher than the final declared EMEL established by final test data pursuant to TP-902.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission rate differential between the diurnal or hot soak plus diurnal emission standard in Tables 1, 2 or 3 of section 2754(a) for the model of engine or equipment within the evaporative family that is expected to exhibit the highest evaporative emission rate relative to the applicable diurnal or hot soak plus diurnal emission standard and the EMEL declared for the model and is applicable to the entire evaporative family represented by the model. The EFELD is used to determine the EO holder's compliance with the applicable diurnal emission standard, on a corporate average basis, for any equipment within this evaporative family. (See Title 13 CCR Section 2754.1(f).)

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 Title 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and 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.

This Executive Order hereby cancels and replaces Executive Order U-U-243-0017 dated December 28, 2023.

Executed on this 11th day of January 2024.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

SORE Evap Model Summary Template (rev. Aug 2023)

For CARB Use Only
Executive Order: U-U-243-0117
Attachment __1__of__2__

Date: _November 20, 2023____
Evaporative Family: _ZCECM1H__

Model Summary

		S3. Sales Codes (Check all appropriate)				S6. Fuel Tank Volume (Liters)							
S1. Worst Case (Check One)	S2. Equipment Model	CA Only	50-State	S4. Engine Class	S5. Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Carbon Canister Working Capacity (g/L), if equipped
X	P04006,P04007, P04008,P04009, P04010 ;		X	I	CARB	27.1	22.5	0.57	Multi-layer	410	4.5	RZCES.2331GE	2.089
	P03650,P03651, P03652,P03653, P03654,P03655, P03656,P03657, P03550,P03551, P03552,P03553, P03554,P03555, P03556,P03557, P03350,P03351, P03352,P03353, P03354,P03355, P03356,P03557;		X	I	CARB	24.1	19	0.54	Multi-layer	140	4.5	RZCES.2331GE	2.474
	P03658,P03659; P03558,P03659; P03358,P03359;		×	I	CARB	24.1	19	0.54	Multi-layer	140	4.5	RZCES.2331GE	2.474

SORE Evap Model Summary Template (rev. Aug 2023)

For CARB Use Only
Executive Order: U-U-243-0117
Attachment __2__of__2__

Date: _November 20, 2023____
Evaporative Family: _ZCECM1H__

Model Summary

		S3. Sales Codes (Check all appropriate)				S6. Fuel Tank Volume (Liters)							
S1. Worst Case (Check One)	S2. Equipment Model	CA Only	50-State	S4. Engine Class	S5. Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Carbon Canister Working Capacity (g/L), if equipped
	W02886,W02887 W02888,W02889 W02986,W02987 W02988,W02989 W03086,W03087 W03088,W03089 W03286,W03287 W03288,W03389 W03386,W03387 W03388,W03389 W03186,W03187 W03188,W03189 WH02946,WH02947 WH02948,WH02949 WH03046,WH03047 WH03048,WH03049 WH03246,WH03247 WH03248,WH03249 WH03346,WH03347 WH03348,WH03349 WH03146,WH03147 WH03148,WH03149 WD03084,WD03085 WD03086,WD02984 WD02985,WD02986 WD03384,WD03385 WD03386; WH03546,WH03547 WH03548,WH03549		×	I	CARB	7.3	6.5	0.27	Multi-layer	480	4.5	RZCES.1931GE	1.782 1.778