

## ZHEJIANG YAOFENG POWER TECHNOLOGY CO., LTD.

EXECUTIVE ORDER U-U-220-0199

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 (I	E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)						
ZHEJIANG	YAOFENG POWER TECHNOLO CO., LTD.	GY PZYPS.2241GA (U	J-U-220-0180)	192, 196, 212, 224	Gasoline, Gasoline-LPG Dual Fuel, Gasoline-LPG-CNG Tri Fuel						
TBC = To Be Certified											
	EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION								
2023	ZYPCM2241	See Attachment	Genera	ator Set, Logsplitter, Pressure Washer, Pump							
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
	Canister/Metal	See Attachment									
A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:  Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes = C, S, O); (Tank Barrier Codes = M. P. C. L. N. A. O). Note: Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.											

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

*=not applicable	DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent⋅day⁻¹)							
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL					
0.95 + 0.056 × Nominal Capacity (L)	*	= (STANDARD) – (EFELD)	1.05					

**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.

Executed on this 10th day of January 2023.

Robin Ü. Lang, Chief

Emissions Certification and Compliance Division

SORE Evap > 80cc Model Summary Template (rev. 2020)

Date: 11/23/2022

Evaporative Family: ZYPCM2241

For CARB Use Only Executive Order: U-U-220-0199 Attachment \_1\_\_of\_1\_\_

## Model Summary

		Sales Codes				So Fuel Tank Vo	5. Juma (Litars)								
S1.	S2.	approp		S4.	S5.	Total	Nominal	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Model	Calli. Only	30-3tate	Engine Class (I or II)		Total	Nonina	Fuel Tank Internal Surface Area (m^2)	Fuel Line Type (e.g. Single or Multi-Layer)	Nominal Fuel Line Length (mm)	Fuel Line Inside Diameter (mm)	Engine Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
х	YF172FD-L_G		Х	I	CARB	23.00	19.00	0.546	Multi-layer	610	4.5	PZYPS.2241GA	N/A	Q-18-031B Q-19-071A Q-20-037 Q-20-046	Q-22-027 Q-22-017 Q-22-016
	201223		Х	I	CARB	23.00	19.00	0.546	Multi-layer	345+25 255+25	4.5	PZYPS.2241GA	N/A	Q-18-031B Q-19-071A Q-20-037 Q-20-046	Q-22-027 Q-22-017 Q-22-016
	201000-1 201001-1 201003-1		Х	ı	CARB	15.90	14.00	0.442	Multi-layer	113+340	6.5	PZYPS.2241GA	N/A	Q-18-031B Q-19-071A Q-20-037 Q-20-046	Q-22-028 Q-22-015
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