

## ZHEJIANG YAOFENG POWER TECHNOLOGY CO., LTD.

EXECUTIVE ORDER U-U-220-0153

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)							
ZH	EJIANG YAOFENG POWER	MZYPS.1711GC	(U-U-220-0141)	171	Gasoline, Gasoline-LPG Dual Fuel							
	TECHNOLOGY CO., LTD.	MZYPS.2241GA	(U-U-220-0143)	192, 196, 212, 224	Gasoline, LPG, Gasoline-LPG Dual Fuel							
S.A. = See Attachment TBC = To Be Certified  EQUIPMENT DESCRIPTION												
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPME	ENT APPLICATION							
2021	ZYPCM2	See Attachment Generator Set										
EMISSIO	N 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 standards (Title 13, California Code of Regulations, 13 CCR Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent day or g ROG·m-2·day or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD  (g organic material hydrocarbon equivalent·day⁻¹)									
0.95 + 0.056 × Nominal Capacity (L)									
	LINE PERMEATION ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		TANK PERMEATION g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	NDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		STANDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		CERTIFICATION LEVEL OR EXECUTIVE ORDER				
15	See Attachment	1.5	See Attachment	1.4	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 21st day of January 2021.

Allen Lyons, Chief

Emissions Certification and Compliance Division

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

Date: 11/12/2020

Evaporative Family: ZYPCM2

For CARB Use Only Executive Order: U-U-220-0153 Attachment \_1\_\_of\_1\_\_

Model Summary

Check One   Chec			S3	3.			Se	5.							
S1.   S2.   Calif. Only   S0-State   S4.   S5.   Engine Class (I For CARB)   Fuel System (Check One)   Fuel Class (I For CARB)   Fuel System (For CARB)   Fuel System (For CARB)   Fuel Class (I For C							Fuel Tank Vo	lume (Liters)							
YF166FD-L_G YF170FD YF170FD-L_G 75531i 755371 100158 100156 100233 X 100204 X 1 CARB 6.40 6.00 0.269 Multi-layer 350 100262 100261 100263 100264 100476 100477 100526 100611 100640	Worst Case				Engine Class (I	Fuel System	Total	Nominal	Fuel Tank Internal Surface Area	Fuel Line Type (e.g. Single or	Nominal Fuel Line Length	Fuel Line Inside	Fuel Tank Executive	Fuel Line	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
	х	YF166FD-L_G YF170FD YF170FD-L_G 75537i 100158 100156 100233 100204 100262 100261 100263 100264 100476 100477 100526 100526 100611 100640		х	ı	CARB	6.40	6.00	0.269	Multi-layer		5.5		Q-19-071	Q-18-012 Q-19-093 Q-19-041 Q-19-027 Q-19-033 Q-19-110 Q-19-111
															_