

California Environmental Protection Agency  Air Resources Board	ZHEJIANG YAOFENG POWER TECHNOLOGY CO., LTD.	EXECUTIVE ORDER U-U-220-0009-1 New Off-Road Small Spark-Ignition Equipment
--	--	---

Pursuant to the authority vested in the 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-02-003;

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)
ZHEJIANG YAOFENG POWER TECHNOLOGY CO., LTD.	DZYPS.1711GC (U-U-220-0007) DZYPS.1961GA (U-U-220-0008)	171 196	Gasoline
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2013	CM1	3.6, 6.0, 14.2	Pressure washer, Generator Set
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		See Attachment	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. <u>Venting Control Type and Code</u>:- Canister=C Sealed Tank=S Other=O 2. <u>Tank Barrier Type and Code</u>:- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. <u>EVAPORATIVE FAMILY 2-Letter CODE</u> (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.</small>			

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

*not applicable		DESIGN BASED			
FUEL HOSE PERMEATION (grams ROG/m ² /day)		FUEL TANK PERMEATION (grams ROG/m ² /day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	C-U-05-012, Q-08-005, Q-08-037, Q-09-013	1.5	*	1.0 or 1.4	C-U-06-003, C-U-06-031, C-U-07-008, C-U-7-021, Q-07-020, Q-08-007


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.

This Executive Order hereby supersedes Executive Order U-U-220-0009 dated December 21, 2012.

Executed at El Monte, California on this 5th day of March 2013.


 Annette Hebert, Chief
 Mobile Source Operations Division

Attachment

DRAFT

Small Off-Road Evaporative Certification Database Form (Supplementary Information)

MODEL SUMMARY

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m ²)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	YF166FD YF166FD-331 75530i 75531i 75532i 75533i 75534i 75535i 75536i			X	I	CARB	6.0	0.269	Multi-layer	478	5.5	DZYPS.1711GC	N/A	Q-08-037 or Q-08-005 or C-U-05-012 or Q-09-013	C-U-07-021 or C-U-06-031
	YF168F-2 YF168F-2-001 66507 66525 76520 76532 91520 92221 92301			X	I	CARB	3.6	0.165	Multi-layer	220 and 35	4.5	DZYPS.1961GA	N/A	Q-08-037 or Q-08-005 or C-U-05-012 or Q-09-013	C-U-06-003 or Q-07-020 or C-U-07-008

DRAFT

YF168FD-2 YF168FD-2-011 YF168FD-2-111 YF168FD-2-211 YF168FD-2-221 46531 46532 46533 46534 46562 46537 46539 36590 46565 46593 46594 46595 46596 46597 46598 46599 76521 76522 76523 91520 92221 76524 46505 46570				X	I	CARB	14.2	0.338	Multi-layer	140 or 170	4.5	DZYPS.1961GA	N/A	Q-08-037 or Q-08-005 or C-U-05-012 or Q-09-013	Q-08-007

SUPERSEDED