

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-14-012;

**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.	HZYPS.1711GC (U-U-220-0067)	171	Gasoline, Gasoline-LPG Dual Fuel
	HZYPS.2241GA (U-U-220-0068)	192, 196, 224	Gasoline, LPG, Gasoline-LPG Dual Fuel
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2017	CM1	3.4, 6.0, 11, 13, 14.2, 15.1	Pump, Generator Set, Pressure Washer, Other OEM Equipment (Log Splitter)
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		See Attachment	
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. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). <b>Note:</b> 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(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m<sup>2</sup>/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 <sup>2</sup> /day)		FUEL TANK PERMEATION (grams ROG/m <sup>2</sup> /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-08-026, Q-08-037, Q-09-013, Q-12-016A, Q-13-013	1.5	Q-17-008	1.0, 1.4	C-U-06-003, C-U-06-007A, C-U-07-008, C-U-06-031A, C-U-07-021, Q-07-020, Q-08-007, Q-13-004, Q-08-035, Q-09-003, Q-11-002, Q-11-003, Q-13-008, Q-11-001

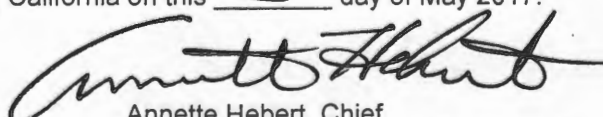
**BE IT FURTHER RESOLVED:** That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

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-220-0075 dated December 27, 2016.

Executed at El Monte, California on this 3 day of May 2017.



Annette Hebert, Chief  
 Emissions Compliance, Automotive Regulations and Science Division

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 <sup>2</sup> )	S8. Fuel Line Type	S9. Nominal Fuel Line Length <sup>(1)</sup> (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			Total	Nominal								
	YF166FD YF170FD 75530i 75531i 75536i 75537i 75538i 100158 100156 100233 100204 100262 100261 100263 100264 100323			X	I	CARB	6.4	6.0	0.269	Multi-layer	128 350	5.5	HZYPS.1711GC HZYPS.2241GA	Q-17-008	Q-08-037 Q-08-005 C-U-05-012 Q-09-013 Q-12-016A Q-13-013 Q-08-026	C-U-07-021 C-U-06-031A Q-08-035 Q-09-003 Q-11-002
X	YF168F-2 YF172F			X	I	CARB	4.37	3.4	0.165	Multi-layer	230 60	4.5	HZYPS.2241GA	Q-17-008	Q-08-037 Q-08-005 C-U-05-012 Q-09-013 Q-12-016A Q-13-013 Q-08-026	C-U-06-003 Q-07-020 C-U-07-008 Q-11-003 Q-13-008

YF168FD-2 YF172FD 46531 46532 46533 46537 46539 36590 76522 76524 76526 100103, 46578, 100211			X	I	CARB	14.6	14.2	0.518	Multi-layer	140 155 170	4.5	HZYPS.2241GA	Q-17-008	Q-08-037 Q-08-005 C-U-05-012 Q-09-013 Q-12-016A Q-13-013 Q-08-026	Q-08-007 Q-13-004 C-U-06-007A Q-11-001
YF168FD-2-L_G YF172FD-L_G YF172FD 76533,76534 76535,76536 100157, 100217 100307, 100397, 100412;			X	I	CARB	18.1	13	0.482	Multi-layer	270 428	5.5	HZYPS.2241GA	Q-17-008	Q-08-037 Q-08-005 C-U-05-012 Q-09-013 Q-12-016A Q-13-013 Q-08-026	Q-08-007 Q-13-004 C-U-06-007A Q-11-001
YF172FD 100302 YF172IV			X	I	CARB	14.3	11	0.438	Multi-layer	175	4.5	HZYPS.2241GA	Q-17-008	Q-08-037 Q-08-005 C-U-05-012 Q-09-013 Q-12-016A Q-13-013 Q-08-026	Q-08-007 Q-13-004 C-U-06-007A Q-11-001
100407 100421 100433			X	I	CARB	20.4	15.1	0.509	Multi-layer	155	4.5	HZYPS.2241GA	Q-17-008	Q-08-037 Q-08-005 C-U-05-012 Q-09-013 Q-12-016A Q-13-013 Q-08-026	Q-13-004 C-U-06-007A Q-11-001

(1) The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)