California Environmental Protection Agency Air Resources Board

HC COMPOSITES LLC

EXECUTIVE ORDER U-W-068-0001 New Spark-Ignition Marine Watercraft

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43013, 43018, 43101, 43102 and 43104; 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 new spark-ignition marine watercraft produced by the manufacturer is certified as described below. Production watercraft shall be in all material respects the same as those for which certification is granted.

MODEL YEAR 2018		EVAPORATIVE FAMILY	WATERCRAFT TYPE	WATERCRAFT LENGTH				
		JHCCPVSSL001	Outboard	Trailerable (≤26ft)				
ENGINE POV			TIVE EMISSIONS CONTROL S					
Greater than 30kW		Pressure Release Valve, Plastic Tank						
WATERCRAFT MODEL INFORMATION		See Attachment						

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2854 or 2855, as applicable), for this evaporative family and the respective component Executive Order.

*=not applicable	DESIGN BASED							
		PERMEATION ² /day ROG)	FUEL TANK PERMEATION (grams/m²/day ROG)					
STANDARD		EXECUTIVE ORDER	STANDARD	EXECUTIVE ORDER				
10.0		RM-17-003	0.7	RM-17-002, RM-17-012				
		DIUR	NAL STANDARD					
	CAN	ISTER	NON-CANISTER					
PERFORMANCE STANDARD (grams/gallon/day HC)		EXECUTIVE ORDER	GENERAL STANDARD	EXECUTIVE ORDER				
0.25		*	65 percent reduction from uncontrolled HC emissions	JATWPMDRN212, JATWPMDRN313, JATWPMDRN222				

BE IT FURTHER RESOLVED: That for the listed watercraft, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2859 (labeling) and 13 CCR Sections 2860, 2861, and 2862 (emission control system warranty).

Watercraft 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. Watercraft in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this _____ day of September 2017.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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Evaporative Family Name: JHCCPVSSL001

MODEL SUMMARY

D10. Marine Watercraft or Boat Model	D11. Sales Codes		D12. Fuel	D13.	D14.	D15. Fuel	D16. Fuel	D17. Carbon	D18. Meets	D19.
	CA Only	50- State	Tank Nominal Vol. (Liters)	Fuel Tank Material	Fuel Line Type	Tank Executive Order	Line Executive Order	Canister/Venting System Executive Order	Canister Fuel Tank Volume Reqs?	Auxiliary Engine Installed*
World Cat 230CC		х	363.40	HDPE	A1-10	RM-17-002	RM-17-003	JATWPMDRN212 JATWPMDRN222 JATWPMDRN313	N/A	NO
World Cat 230DC		x	363.40	HDPE	A1-10	RM-17-002	RM-17-003	JATWPMDRN212 JATWPMDRN222 JATWPMDRN313	N/A	NO
World Cat 230SD		х	363.40	HDPE	A1-10	RM-17-002	RM-17-003	JATWPMDRN212 JATWPMDRN222 JATWPMDRN313	N/A	NO
World Cat 255DC		x	757.08	HDPE	A1-10	RM-17-012	RM-17-003	JATWPMDRN212 JATWPMDRN222 JATWPMDRN313	N/A	NO

*D19a. If the watercraft's fuel system is designed to support an auxiliary engine, describe fuel system for any auxiliary engines and how the requirements in section 2854 or 2855 were met:

If additional comments, please attach sheets as necessary