

## PLEASURECRAFT MARINE ENGINE COMPANY

EXECUTIVE ORDER U-W-013-0056 New Spark-Ignition Marine Engines

Pursuant to the authority vested in California 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 engine and emission control systems (ECS) produced by the manufacturer are certified as described below. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	FUEL TYPE	DISPLACEMENT (cc)	LEVEL OF CLEANLINESS		
2019	KPCMM06.0CT1	Gasoline	5000, 5700, 6000	Super Ultra Low Emission ("Four Stars")		
	NT APPLICATION	ECS & SPECI	ENGINE TYPE			
	Inboard	Heated Ox Multiport F	talytic Converter ygen Sensor uel Injection stics-Marine System	4-Stroke		
ENGINE MODELS (rated power in kilowatts, kW)		Se	ee Attachment			

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2442(b)) and certification emission levels in grams per kilowatt-hour (g/kW-hr) for this engine family. Engines in this engine family shall discharge no crankcase emissions into the ambient atmosphere in conformance with 13 CCR Section 2442(b). This engine family shall comply with the evaporative requirements of 13 CCR Section 2442(b).

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)		
STANDARD	5.0	75.0		
FAMILY EMISSION LEVEL	*	*		
CERTIFICATION LEVEL	4.0	56.7		

This engine family shall not be used to determine compliance through corporate averaging.

**BE IT FURTHER RESOLVED:** That for the listed engines, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Sections 2443.1, 2443.2 and 2443.3 (emission control, consumer, and environmental labels), Section 2444.2 (on-board engine malfunction detection system), and Sections 2445.1 and 2445.2 (emission control system warranty).

Engines 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. Engines 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 December 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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Model Year: 2019

Manufacture Name: PLEASURECRAFT MARINE ENGINE CO.

Engine Family: KPCMM06.0CT1

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Revised:

SI MARINE ENGINE SUPPLEMENTAL INFORMATION

S10. MODEL SUMMARY (Use an asterisk (\*) to identify "worst-case" engine model used for certification testing.)

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S12.	S13.	S14.		S15.	S16.	S17.	S18.	S19.	
Engine Model	Engine Code	Sales Codes (Check ALL appropriate)		Eng. Displ. (cc)	Rated Power (kW)	Rated Speed (RPM)	Peak Torque (N-m)	Peak Torque Speed (RPM)	
		Calif. Only	49- State	50- State					
(*) XX-600-XX	N/A			х	6000	271	5600	462	5600
XX-570-XX	N/A			х	5700	211	5000	404	5000
XX-500-XX	N/A			х	5000	195	5000	373	5000
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