

PLEASURECRAFT MARINE ENGINE COMPANY

EXECUTIVE ORDER U-W-013-0020 New Spark-Ignition Marine Engines

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-02-003;

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			
2007	7PCMM08.1HE1	Gasoline	8100	Ultra Low Emission ("Three Stars")			
EQUIPMENT APPLICATION		ECS & SPECIA	ENGINE TYPE				
Inboard		Multiport Fu	4-Stroke				
ENGINE MODELS (rated power in kilowatts, kw)	CLZH-M (298 kW), PLZH-M (298 kW)						

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) exhaust emission standard (Title 13, California Code of Regulations, (13 CCR) Section 2442(b)) and certification emission level 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).

	STANDARD (g/kw-hr)	CERTIFICATION LEVEL (g/kw-hr)				
HC+NOx	14.0	10.0				

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), 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 July 2006.

Annette Hebert, Chief

Mobile Source Operations Division

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Model Year: _2007	Page: _3
Manufacturer Name: _PLEASURECRAFT MARINE ENGINE CO.	Issued: _4 /20/ 06
Engine Family: _7PCMM08.1HE1	Revised: E.O.#: <u>U-W-</u> i3-20
SI MARINE ENGINE SUPPLEMENTAL INFORMATION	E.O.#: U-W-13-20

S11. MODEL SUMMARY (Use an asterisk (*) to identify worst-case engine model used for certification testing.)

S12.	S13.	1	S14.	<u> </u>	S15.	S16.	S17.	S18.	S19.
012.	0 10.	Sales Codes				1	}	1	
Engine Model	Engine	(Check ALL		Eng. Displ. (cc)	Rated	Rated	Peak Torque (N-m)	Peak	
Model	Code	annronriate)			Power (kW)	Speed (RPM)		Torque	
		Calif.	49-	50-	(00)	(1,00)	(1301)	(14-311)	Speed (RPM)
		Only	State	State		ļ <u> </u>			
CLZH-M	N/A			x	8100	298	5000	566	5000
PLZH-M	N/A			X	8100	298	5000	566	5000