

Malibu Boats, Inc.

EXECUTIVE ORDER U-W-034-0006 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-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			
2020	LMB1M06.20EC	Gasoline	6200	Super Ultra Low Emission ("Four Stars")			
EQUIPMENT	APPLICATION	ECS & SPE	CIAL FEATURES	ENGINE TYPE			
Inb	poard	Heated (Direct I Sup	y Catalytic Converter Dxygen Sensor Fuel Injection ercharger ostics-Marine System	4-Stroke			
ENGINE MODELS (rated power in kilowatts, kW)		See 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).

	HC+NOx (g/kW-hr)	CO (g/kW-hr)		
STANDARD	5.0	350.0		
CERTIFICATION LEVEL	3.4	51.9		

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 July 2019.

Lim Pryce M Allen Lyons, Chief

Emissions Compliance, Automotive Regulations and Science Division

Model Year: 2020
Manufacturer Name: Malibu Boats
Engine Family: LMB1M06.20EC
SI MARINE ENGINE SUPPLEMENTAL INFORMATION

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Revised:

E.O.#: U-W-034-0006

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

S13. Engine Code	S14. Sales Codes (Check ALL		S15. Eng.	S16.	S17.	S18. Peak	S19. Peak	
	Calif. Only	49- State	50- State	(cc)	(kW)	(RPM)	(N-m)	Torque Speed (RPM)
V8 6.2L SC			Х	6200	453	5600	822	3493
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					1			
	Engine Code	Engine (Code Calif. Only	Engine (Check Al appropriate Calif. 49-Only State	Sales Codes	Sales Codes	Sales Codes	Sales Codes	Engine Code Calif. Only State State Eng. Displ. (cc) Rated Power (kW) Rated (RPM) Forque (N-m)