

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-19-095;

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
2023	PM9XM.5002GE	Gasoline	526	Very Low Emission ("Three Stars")
EQUIPMENT APPLICATION		ECS & SPECIAL FEATURES		ENGINE TYPE
Outboard		Multiport Fuel Injection		4-Stroke
ENGINE MODELS (rated power in kilowatts, kW)	See Attachment			

BE IT ORDERED AND RESOLVED: That the listed engines are certified to a hydrocarbon plus oxides of nitrogen (HC+NOx) family emission limit (FEL) and a carbon monoxide (CO) direct standard in accordance with a plan submitted by the manufacturer to, and approved by, the Executive Officer for compliance with the exhaust emission standards on a corporate average basis pursuant to Title 13, California Code of Regulations, (13 CCR) Section 2442(a). The HC+NOx FEL and the CO standard shall be the applicable emission standards for this engine family for determining compliance of any engine within this engine family pursuant to 13 CCR Sections 2444.1 (in-use compliance) and 2446 (audit testing). The standards and certification emission levels in grams per kilowatt-hour (g/kW-hr) for this engine family are as follows. Engines in this engine family shall have closed crankcases in conformance with Part I, Section 18(h) of the "California Exhaust Emission Standards and Test Procedures for 2001 Model-Year and Later Spark-Ignition Marine Engines."

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)
STANDARD	*	389
FAMILY EMISSION LEVEL	18.70	*
CERTIFICATION LEVEL	15.64	134

Compliance with the emission standards on a corporate average basis shall be determined pursuant to 13 CCR Section 2442(a) based on the sales-weighted average power of all engines produced for sale in California that are included in the approved corporate average compliance plan for the model-year.

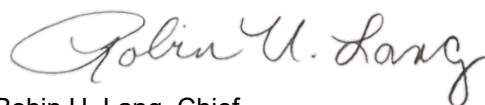
BE IT FURTHER RESOLVED: That for the listed engines, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Sections 2443.1, 2443.2 and 2443.3 (emission control, consumer, and environmental labels), 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.

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter pursuant to 13 CCR Sections 2442(a)(2)(B) and 2446.

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 on this 11th day of October 2022.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

Date: 09/06/2022

Engine Family: PM9XM.5002GE

Model Summary

S12. Engine Model	S13. Engine Code	S14. Sales Codes (Check all appropriate)			S15. Engine Displacement (cc)	S16. Rated Power (kW)	S17. Rated Speed (RPM)	S18. Peak Torque (N-m)	S19. Peak Torque Speed (RPM)
		CA Only	49-State	50-State					
ME25MH EFI 4S	1A25203BK			X	500	18.0	5800	35.8	3750
ME25MLH EFI 4S	1A25213BK			X	500	18.0	5800	35.8	3750
ME25MLH SeaPro 4S	1A25217BK			X	500	18.0	5800	35.8	3750
ME25EH EFI 4S	1A25301BK			X	500	18.0	5800	35.8	3750
ME25ELH EFI 4S	1A25311BK			X	500	18.0	5800	35.8	3750
ME25EL EFI 4S	1A25312BK			X	500	18.0	5800	35.8	3750
ME25EL SeaPro 4S	1A25317BK			X	500	18.0	5800	35.8	3750
ME25EPT EFI 4S	1A25403BK			X	500	18.0	5800	35.8	3750
ME25ELHPT EFI 4S	1A25411BK			X	500	18.0	5800	35.8	3750
ME25ELPT EFI 4S	1A25413BK			X	500	18.0	5800	35.8	3750
ME25ELPT PK EFI4S	1A25452BK			X	500	18.0	5800	35.8	3750
ME25XLPT PKEFI4S	1A25462BK			X	500	18.0	5800	35.8	3750
ME30MHGA EFI 4S	1A3G203BK			X	500	22.7	6200	37.3	4750
ME30MLHGA EFI 4S	1A3G213BK			X	500	22.7	6200	37.3	4750
ME30ELHGA EFI 4S	1A3G311BK			X	500	22.7	6200	37.3	4750
ME30ELGA EFI 4S	1A3G313BK			X	500	22.7	6200	37.3	4750
JETME25ELHGA EFI4S	1A3G371BK			X	500	22.7	6200	37.3	4750
JETME25ELPT EFI4S	1A3G373BK			X	500	22.7	6200	37.3	4750
ME30ELHPT EFI 4S	1A30411BK			X	500	22.7	6200	37.3	4750
ME30ELPT EFI 4S	1A30413BK			X	500	22.7	6200	37.3	4750