

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	ENGINE TYPE	FUEL TYPE
2024	RM9XM.2092GE	4-Stroke	Gasoline
LEVEL OF CLEANLINESS	EMISSION CONTROL SYSTEMS & SPECIAL FEATURES		EQUIPMENT APPLICATION
Ultra Low Emission ("Three Stars")	Multi-Port Fuel Injection (MFI)		Outboard

Engines certified by this Executive Order are further described in 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."

	HC+NOx (g/kW-hr)	CO (g/kW-hr)
STANDARD	*	460
FAMILY EMISSION LEVEL	23.40	*
CERTIFICATION LEVEL	18.55	162

*not applicable

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 4th day of April 2024.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

Date: 3/3/2024

Engine Family: RM9XM.2092GE

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					
ME8MH 4S	1A08201LK			X	209	6.3	6000	12.3	3250
ME8MLH 4S	1A08211LK			X	209	6.3	6000	12.3	3250
ME8EH 4S	1A08301LK			X	209	6.3	6000	12.3	3250
ME8ELH 4S	1A08311LK			X	209	6.3	6000	12.3	3250
ME9.9MH 4S	1A10201LK			X	209	7.9	6000	13	5500
ME9.9MLH 4S	1A10211LK			X	209	7.9	6000	13	5500
ME9.9EPT	1A10402LK			X	209	7.9	6000	13	5500
ME9.9EH 4S	1A10301LK			X	209	7.9	6000	13	5500
ME9.9ELH 4S	1A10311LK			X	209	7.9	6000	13	5500
ME9.9EL 4S	*1A10312LK			X	209	7.9	6000	13	5500
ME9.9MLH CT 4S	1A10251LK			X	209	7.9	6000	13	5500
ME9.9ELH CT 4S	1A10351LK			X	209	7.9	6000	13	5500
ME9.9ELPT CT PK 4S	1A10452LK			X	209	7.9	6000	13	5500
ME9.9ELHPT CT PK 4S	1A10451LK			X	209	7.9	6000	13	5500
ME9.9EXLHPT CT PK 4S	1A10461LK			X	209	7.9	6000	13	5500
ME9.9EXLPT CT PK 4S	1A10462LK			X	209	7.9	6000	13	5500
ME9.9EXLH CT 4S	1A10361LK			X	209	7.9	6000	13	5500
ME9.9MXLH CT 4S	1A10261LK			X	209	7.9	6000	13	5500