

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	RM9XM02.02GT	4-Stroke	Gasoline
LEVEL OF CLEANLINESS	EMISSION CONTROL SYSTEMS & SPECIAL FEATURES		EQUIPMENT APPLICATION
Very Low Emission ("Three Stars")	Multiport 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)
<b>STANDARD</b>	*	300.0
<b>FAMILY EMISSION LEVEL</b>	13.50	*
<b>CERTIFICATION LEVEL</b>	11.39	144.2

\*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 6th day of July 2023.



Robin U. Lang, Chief  
 Emissions Certification and Compliance Division

Date: 01/09/2024  
 Engine Family: RM9XM02.02GT

RC01\_01-09-2024

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					
ME115ELPT 4S SP	*1116F571D			X	2061	77	5000	154	3500
100ELPT 4S	1100F132F			X	2061	68	5250	150	3000
100EXLPT 4S	1100F232F			X	2061	68	5250	150	3000
100ELPT CT 4S	1100F532F			X	2061	68	5250	150	3000
100EXLPT CT 4S	1100F632F			X	2061	68	5250	150	3000
115ELPT 4S	1115F132D			X	2061	90	6000	162	3500
115EXLPT 4S	1115F232D			X	2061	90	6000	162	3500
115ELPT CT 4S	1115F532D			X	2061	90	6000	162	3500
115EXLPT CT 4S	1115F632D			X	2061	90	6000	162	3500
115EXLPT CT 4S	1115F642D			X	2061	90	6000	162	3500
ME 115ELHPT 4S SP	1116F5TED			X	2061	77	5000	154	3500
ME115EXLPT 4S SP	1116F671D			X	2061	77	5000	154	3500
ME115EXLPT 4S SP	1116F681D			X	2061	77	5000	154	3500
ME 115EXLHPT4S SP	1116F6TED			X	2061	77	5000	154	3500
ME 115L PXS 4S	1117F131D			X	2061	94	6300	166	3500
ME 115XL PXS 4S	1117F231D			X	2061	94	6300	166	3500
ME 115L PXS CT 4S	1117F531D			X	2061	94	6300	166	3500
ME 115XL PXS CT4S	1117F631D			X	2061	94	6300	166	3500
JET 65 ELPT 4S	1F6547J2D			X	2061	60	5250	141	2500
75ELPT 4S	1F754132D			X	2061	60	5250	141	2500
ME75ELPT 4S SP	1F764571D			X	2061	56	5000	139	2500
ME 75ELHPT 4S SP	1F7645TED			X	2061	56	5000	139	2500
ME 75ELHBPT 4S SP	1F7745TED			X	2061	56	5000	139	2500
80ELPT 4S	1F804132F			X	2061	60	5250	141	2500
JET 80 ELPT 4S	1F8047J2D			X	2061	68	5250	150	3000
90ELPT 4S	1F904132D			X	2061	68	5250	150	3000
90EXLPT 4S	1F904232D			X	2061	68	5250	150	3000
90ELPT CT 4S	1F904532D			X	2061	68	5250	150	3000
90EXLPT CT 4S	1F904632D			X	2061	68	5250	150	3000
90EXLPT CT 4S	1F904642D			X	2061	68	5250	150	3000
ME90ELPT4S SP	1F914571D			X	2061	64	5000	140	2500
ME 90ELHPT 4S SP	1F9145TED			X	2061	64	5000	140	2500
ME90EXLPT 4S SP	1F914671D			X	2061	64	5000	140	2500
ME 90EXLHPT 4S SP	1F9146TED			X	2061	64	5000	140	2500
MA 100 ELPT CT 4S	7100F531F			X	2061	68	5250	150	3000
MA 115 ELPT CT 4S	7115F531F			X	2061	90	6000	162	3500
MA 115EXLPT CT 4S	7115F631F			X	2061	90	6000	162	3500
MA 75 ELPT 4S	7F754131F			X	2061	60	5250	141	2500
MA 80 ELPT 4S	7F804131F			X	2061	60	5250	141	2500
MA 90 ELPT CT 4S	7F904531F			X	2061	68	5250	150	3000
ME 75 ELPT 4S SP	1F764231D			X	2061	56	5000	139	2500