

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.9952GE	Gasoline	995	Ultra 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	*	300.0
FAMILY EMISSION LEVEL	16.50	*
CERTIFICATION LEVEL	14.73	193.0

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 26th day of May 2022.



Allen Lyons, Chief
 Emissions Certification and Compliance Division

Date: 02/28/2022
 Engine Family: PM9XM.9952GE

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					
MA 60 ELPT	7F60413BZ			X	995	44.13	5750	76.5	3000
MA 60 ELPT CT	7F60453BZ			X	995	44.13	5750	76.5	3000
ME 60R EPT RACE	1960403LZ			X	995	44.13	5750	76.5	3000
ME 40ELPT SP	*1F414571Z			X	995	31.24	5500	67.2	2000
ME 40ELLPT SP	1F414471Z			X	995	31.24	5500	67.2	2000
ME 40EXLPT SP	1F414671Z			X	995	31.24	5500	67.2	2000
ME 60ELPT SP	1F604571Z			X	995	41.85	5500	73.9	5000
ME 60ELLPT SP	1F604471Z			X	995	41.85	5500	73.9	5000
ME 60EXLPT SP	1F604671Z			X	995	41.85	5500	73.9	5000
ME 40 ELPT CT	1F41453GZ			X	995	29.42	5750	66.1	2750
ME JET 40 ELPT	1F60473GZ			X	995	44.13	5750	76.5	3000
ME 50 ELPT	1F51413GZ			X	995	36.78	5750	68.0	5000
ME 50 ELPT CT	1F51453GZ			X	995	36.78	5750	68.0	5000
ME 60ELPT CT	1F60453GZ			X	995	44.13	5750	76.5	3000
ME 60 ELPT	1F60413GZ			X	995	44.13	5750	76.5	3000
ME 60 EXLPT CT	1F60463GZ			X	995	44.13	5750	76.5	3000
ME 50 ELHPT	1F5141TJZ			X	995	36.78	5750	68.0	5000
ME 50 ELHPT CT	1F5145TJZ			X	995	36.78	5750	68.0	5000
ME 60ELHGA CT	1F6035TJZ			X	995	44.13	5750	76.5	3000
ME 60 ELHPT	1F6041TJZ			X	995	44.13	5750	76.5	3000
ME 60 ELHPT CT	1F6045TJZ			X	995	44.13	5750	76.5	3000
ME JET 40 ELHPT	1F6047TJZ			X	995	44.13	5750	76.5	3000
ME 40ELLHGA SP	1F4134TEZ			X	995	31.24	5500	67.2	2000
ME 40ELHGA SP	1F4135TEZ			X	995	31.24	5500	67.2	2000
ME 40EXLHGA SP	1F4136TEZ			X	995	31.24	5500	67.2	2000
ME 40ELLHPT SP	1F4144TEZ			X	995	31.24	5500	67.2	2000
ME 40ELHPT SP	1F4145TEZ			X	995	31.24	5500	67.2	2000
ME 40EXLHPT SP	1F4146TEZ			X	995	31.24	5500	67.2	2000
ME 60ELHGA SP	1F6034TEZ			X	995	41.85	5500	73.9	5000
ME 60ELHGA SP	1F6035TEZ			X	995	41.85	5500	73.9	5000
ME 60EXLHGA SP	1F6036TEZ			X	995	41.85	5500	73.9	5000
ME 60ELLHPT SP	1F6044TEZ			X	995	41.85	5500	73.9	5000
ME 60ELHPT SP	1F6045TEZ			X	995	41.85	5500	73.9	5000
ME 60EXLHPT SP	1F6046TEZ			X	995	41.85	5500	73.9	5000
MR 60R 2.33 RH	1960403LZ			X	995	44.13	5750	76.5	3000
ME JET 35	1F50473GZ			X	995	36.78	5750	68.0	5000