

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	PYMXM4.172GB	Gasoline	4169	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	15.80	*
CERTIFICATION LEVEL	11.95	192.8

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 3rd day of October 2022.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

Date: 9/1/2022
 Engine Family: PYMXM4.172GB

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					
F225XCB / F225JETX	6KK			*	4169	182	6000	367	4500
F225NCB / F225JETN	6KK			*	4169	182	6000	367	4500
F225NCB2 / F225JET2N	6KK			*	4169	182	6000	367	4500
FL225JETX	6KL			*	4169	182	6000	367	4500
F250XSB / F250NSTX	6KD			*	4169	202	5999	387	4504
F250XSB2 / F250NST2X	6KD			*	4169	202	5999	387	4504
F250NSB / F250NSTN	6KD			*	4169	202	5999	387	4504
F250NSB2 / F250NST2N	6KD			*	4169	202	5999	387	4504
F250NSB4 / F250NST4N	6KD			*	4169	202	5999	387	4504
LF250XSB / FL250NSTX	6KE			*	4169	202	5999	387	4504
LF250XSB2 / FL250NST2X	6KE			*	4169	202	5999	387	4504
F250XCB / F250PETX	6KH			*	4169	202	5999	387	4504
F250XCB2 / F250PET2X	6KH			*	4169	202	5999	387	4504
F250PETU	6KH			*	4169	202	5999	387	4504
F250NCB / F250PETN	6KH			*	4169	202	5999	387	4504
F250NCB2 / F250PET2N	6KH			*	4169	202	5999	387	4504
LF250XCB / FL250PETX	6KJ			*	4169	202	5999	387	4504
LF250XCB2 / FL250PET2X	6KJ			*	4169	202	5999	387	4504
FL250PETU	6KJ			*	4169	202	5999	387	4504
F300XSB / F300FSTX	6KA			*	4169	225	5715	407	5112
F300XSB2 / F300FST2X	6KA			*	4169	225	5715	407	5112
F300XSB4 / F300FST4X	6KA			*	4169	225	5715	407	5112
F300USB / F300FSTU	6KA			*	4169	225	5715	407	5112
F300USB2 / F300FST2U	6KA			*	4169	225	5715	407	5112
F300NSB / F300FSTN	6KA			*	4169	225	5715	407	5112
F300NSB2 / F300FST2N	6KA			*	4169	225	5715	407	5112
F300NSB4 / F300FST4N	6KA			*	4169	225	5715	407	5112
LF300XSB / FL300FSTX	6KB			*	4169	225	5715	407	5112
LF300XSB2 / FL300FST2X	6KB			*	4169	225	5715	407	5112
LF300XSB4 / FL300FST4X	6KB			*	4169	225	5715	407	5112
LF300USB / FL300FSTU	6KB			*	4169	225	5715	407	5112
LF300USB2 / FL300FST2U	6KB			*	4169	225	5715	407	5112
F300XCB / F300GETX	6KF			*	4169	225	5715	407	5112
F300XCB2 / F300GET2X	6KF			*	4169	225	5715	407	5112
F300UCB / F300GETU	6KF			*	4169	225	5715	407	5112
F300UCB2 / F300GET2U	6KF			*	4169	225	5715	407	5112
F300NCB / F300GETN	6KF			*	4169	225	5715	407	5112
F300NCB2 / F300GET2N	6KF			*	4169	225	5715	407	5112

