

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	PYMXM2.792GD	Gasoline	2785	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	16.20	*
CERTIFICATION LEVEL	12.52	158.3

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 29th day of August 2022.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

Date: 7/1/2022
 Engine Family: PYMXM2.792GD

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					
F200LC / F200QETL	6LW			*	2785	146	6000	258.8	3902
F200LC2 / F200QET2L	6LW			*	2785	146	6000	258.8	3902
F200XC / F200QETX	6LW			*	2785	146	6000	258.8	3902
F200XC2 / F200QET2X	6LW			*	2785	146	6000	258.8	3902
LF200XC / FL200QETX	6LX			*	2785	146	6000	258.8	3902
LF200XC2 / FL200QET2X	6LX			*	2785	146	6000	258.8	3902
F200LSA / F200NSTL	6LH			*	2785	146	6000	258.8	3902
F200LSA2 / F200NST2L	6LH			*	2785	146	6000	258.8	3902
F200XSA / F200NSTX	6LH			*	2785	146	6000	258.8	3902
F200XSA2 / F200NST2X	6LH			*	2785	146	6000	258.8	3902
F200XSA4 / F200NST4X	6LH			*	2785	146	6000	258.8	3902
LF200XSA / FL200NSTX	6LJ			*	2785	146	6000	258.8	3902
LF200XSA2 / FL200NST2X	6LJ			*	2785	146	6000	258.8	3902
LF200XSA4 / FL200NST4X	6LJ			*	2785	146	6000	258.8	3902
F200LCB / F200PETL	6LP			*	2785	146	6000	258.8	3902
F200XCB / F200PETX	6LP			*	2785	146	6000	258.8	3902
LF200XCB / FL200PETX	6LR			*	2785	146	6000	258.8	3902
F175LB / F175GETL	6LY			*	2785	133	5401	240.8	4800
F175XB / F175GETX	6LY			*	2785	133	5401	240.8	4800
F150LSA / F150HSTL	6LM			*	2785	118	5551	239.8	4051
F150LSA2 / F150HST2L	6LM			*	2785	118	5551	239.8	4051
F150XSA / F150HSTX	6LM			*	2785	118	5551	239.8	4051
F150XSA2 / F150HST2X	6LM			*	2785	118	5551	239.8	4051
F150XSA4 / F150HST4X	6LM			*	2785	118	5551	239.8	4051
LF150LSA2 / FL150HST2L	6LN			*	2785	118	5551	239.8	4051
LF150XSA / FL150HSTX	6LN			*	2785	118	5551	239.8	4051
LF150XSA2 / FL150HST2X	6LN			*	2785	118	5551	239.8	4051
LF150XSA4 / FL150HST4X	6LN			*	2785	118	5551	239.8	4051
F150LCB / F150JETL	6LU			*	2785	118	5551	239.8	4051
F150XCB / F150JETX	6LU			*	2785	118	5551	239.8	4051
LF150LCB / FL150JETL	6LV			*	2785	118	5551	239.8	4051
LF150XCB / FL150JETX	6LV			*	2785	118	5551	239.8	4051
F175XSA / F175DSTX	6LK			*	2785	133	5401	240.8	4800
F175XSA2 / F175DST2X	6LK			*	2785	133	5401	240.8	4800
LF175XSA / FL175DSTX	6LL			*	2785	133	5401	240.8	4800
LF175XSA2 / FL175DST2X	6LL			*	2785	133	5401	240.8	4800
F175XCB / F175FETX	6LS			*	2785	133	5401	240.8	4800
LF175XCB / FL175FETX	6LT			*	2785	133	5401	240.8	4800