

Pursuant to the authority vested in the 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
2021	MM9XM03.42GW	Gasoline	3432	Ultra Low Emission ("Three Stars")
EQUIPMENT APPLICATION		ECS & SPECIAL FEATURES		ENGINE TYPE
Outboard		Multiport Fuel Injection Heated Oxygen Sensor		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	15.00	*
CERTIFICATION LEVEL	12.96	69.6

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 22nd day of December 2020.



Allen Lyons, Chief
 Emissions Certification and Compliance Division

Date: 11/17/2020
 Engine Family: MM9XM03.42GW

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					
175L PXS	11750001A			X	3432	138	4250	312	4000
175XL PXS	11750002A			X	3432	138	4250	312	4000
175L	11750003A			X	3432	138	4250	312	4000
175XL	11750004A			X	3432	138	4250	312	4000
175L DTS	11750005A			X	3432	138	4250	312	4000
175XL DTS	11750006A			X	3432	138	4250	312	4000
200L	12000001A			X	3432	149	4750	314	4500
200L CF	12000002A			X	3432	149	4750	314	4500
200L WF	12000003A			X	3432	149	4750	314	4500
200L PF	12000004A			X	3432	149	4750	314	4500
200L DTS	12000005A			X	3432	149	4750	314	4500
200L DTS CF	12000006A			X	3432	149	4750	314	4500
200L DTS WF	12000007A			X	3432	149	4750	314	4500
200L DTS PF	12000008A			X	3432	149	4750	314	4500
200XL	12000009A			X	3432	149	4750	314	4500
200XL CF	12000010A			X	3432	149	4750	314	4500
200XL WF	12000011A			X	3432	149	4750	314	4500
200XL PF	12000012A			X	3432	149	4750	314	4500
200XL DTS	12000013A			X	3432	149	4750	314	4500
200XL DTS CF	12000014A			X	3432	149	4750	314	4500
200XL DTS WF	12000015A			X	3432	149	4750	314	4500
200XL DTS PF	12000016A			X	3432	149	4750	314	4500
200CXL DTS	12000017A			X	3432	149	4750	314	4500
200CXL DTS CF	12000018A			X	3432	149	4750	314	4500
200CXL DTS WF	12000019A			X	3432	149	4750	314	4500
200CXL DTS PF	12000020A			X	3432	149	4750	314	4500
200L SP	12000021A			X	3432	149	4750	314	4500
200L SP DTS	12000022A			X	3432	149	4750	314	4500
200XL SP	12000023A			X	3432	149	4750	314	4500
200XL SP DTS	12000024A			X	3432	149	4750	314	4500
200CXL SP	12000025A			X	3432	149	4750	314	4500
200CXL SP DTS	12000026A			X	3432	149	4750	314	4500
200CXL	12000029A			X	3432	149	4750	314	4500
200CXL CF	12000030A			X	3432	149	4750	314	4500
200CXL WF	12000031A			X	3432	149	4750	314	4500
200CXL PF	12000032A			X	3432	149	4750	314	4500
225L	12250001A			X	3432	168	6000	314	4500
225L CF	12250002A			X	3432	168	6000	314	4500

