

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 |
|--|----------------|--|-------------------|---------------------------------------|
| 2023 | PM9XM03.42GW | 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 20th day of June 2022.



Allen Lyons, Chief
 Emissions Certification and Compliance Division

Date: 02/28/2022

Engine Family: PM9XM03.42GW

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 |

Date: 02/28/2022

Engine Family: PM9XM03.42GW

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|----------------------|---------------------|---|----------|----------|----------------------------------|--------------------------|---------------------------|---------------------------|---------------------------------|
| | | CA Only | 49-State | 50-State | | | | | |
| 225L WF | 12250003A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225L PF | 12250004A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225L DTS | 12250005A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225L DTS CF | 12250006A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225L DTS WF | 12250007A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225L DTS PF | 12250008A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL | 12250009A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL CF | 12250010A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL WF | 12250011A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL PF | 12250012A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL DTS | 12250013A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL DTS CF | 12250014A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL DTS WF | 12250015A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XL DTS PF | 12250016A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL DTS | 12250017A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL DTS CF | 12250018A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL DTS WF | 12250019A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL DTS PF | 12250020A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL | 12250021A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL CF | 12250022A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL WF | 12250023A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL PF | 12250024A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL DTS | 12250025A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL DTS CF | 12250026A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL DTS WF | 12250027A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225XXL DTS PF | 12250028A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXXL DTS | 12250029A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXXL DTS CF | 12250030A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXXL DTS WF | 12250031A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXXL DTS PF | 12250032A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL | 12250047A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL CF | 12250048A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL WF | 12250049A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 225CXL PF | 12250050A | | | X | 3432 | 168 | 6000 | 314 | 4500 |
| 175CXL DTS | 11750007A | | | X | 3432 | 138 | 4250 | 312 | 4000 |
| 175XXL 4.8" 1.85 | 11750008A | | | X | 3432 | 138 | 4250 | 312 | 4000 |