CALIFORNIA AIR RESOURCES BOARD	**SUZUKI MOTOR CORPORATION**	**EXECUTIVE ORDER U-W-002-0234** New Spark-Ignition Marine Engines

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
2022	NSKXM2.042K8	Gasoline	2044	Ultra Low Emission ("Three Stars")
EQUIPMENT APPLICATION		**ECS & SPECIAL FEATURES**		**ENGINE TYPE**
Outboard		Heated Oxygen Sensor, 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	16.40	*
CERTIFICATION LEVEL	13.54	38.1

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 12th day of May 2021.

Allen Lyons, Chief
Emissions Certification and Compliance Division

SIME Exhaust Model Summary Template (rev. 2020)

For CARB Use Only
Executive Order: U-W-002-0234
Attachment 1 of 1

Date: 2021-03-19
Engine Family: NSKXM2.042K8

Model Summary

		S14. Sales Codes (Check all appropriate)							
S12. Engine Model	**S13. Engine Code**	**CA Only**	**49-State**	**50-State**	**S15. Engine Displacement (cc)**	**S16. Rated Power (kW)**	**S17. Rated Speed (RPM)**	**S18. Peak Torque (N-m)**	**S19. Peak Torque Speed (RPM)**
DF115BTL4	11506F			X	2,044	85	5,500	168	4,500
DF115BTX4	11506F			X	2,044	85	5,500	168	4,500
DF115BTLW4	11506F			X	2,044	85	5,500	168	4,500
DF115BTXW4	11506F			X	2,044	85	5,500	168	4,500
DF115BTXZ4	11506Z			X	2,044	85	5,500	168	4,500
DF115BTXZW4	11506Z			X	2,044	85	5,500	168	4,500
*DF115BTGL4	11505F			X	2,044	85	5,500	168	4,500
DF115BTGX4	11505F			X	2,044	85	5,500	168	4,500
DF115BTGLW4	11505F			X	2,044	85	5,500	168	4,500
DF115BTGXW4	11505F			X	2,044	85	5,500	168	4,500
DF115BTGXZ4	11505Z			X	2,044	85	5,500	168	4,500
DF115BTGXZW4	11505Z			X	2,044	85	5,500	168	4,500
DF140BTL4	14005F			X	2,044	103	6,000	168	4,500
DF140BTX4	14005F			X	2,044	103	6,000	168	4,500
DF140BTLW4	14005F			X	2,044	103	6,000	168	4,500
DF140BTXW4	14005F			X	2,044	103	6,000	168	4,500
DF140BTXZ4	14005Z			X	2,044	103	6,000	168	4,500
DF140BTXZW4	14005Z			X	2,044	103	6,000	168	4,500
DF140BTGL4	14004F			X	2,044	103	6,000	168	4,500
DF140BTGX4	14004F			X	2,044	103	6,000	168	4,500
DF140BTGLW4	14004F			X	2,044	103	6,000	168	4,500
DF140BTGXW4	14004F			X	2,044	103	6,000	168	4,500
DF140BTGXZ4	14004Z			X	2,044	103	6,000	168	4,500
DF140BTGXZW4	14004Z			X	2,044	103	6,000	168	4,500