Certificate No: LR2622124TA
Issue Date: 14/01/2026
Expiry Date: 13/01/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Siemens Industry, Inc.**
Address	1 Internet Plz, Johnson City, Tennessee, 37604-1663, United States
Place of Production	Siemens Industrial Automation Products Ltd., Chengdu No. 99, Tianyuan Road, West High-tech Zone, Chengdu, 611731, China
Place of Production	Siemens AG Elektronikwerk Amberg, Werner-von-Siemens-Strasse 50, Amberg, 92224, Germany
Type	Control Units
Description	Programmable Logic Controller Refer to the Appendix for further details
Trade Name	SIMATIC S7-1200 G2
Application	Marine applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register Type Approval System Test Specification Number 1, July 2024.
Specified Standard	Manufacturer's specification IACS unified requirements E10 (Rev.9 Aug 2023) Lloyd's Register Type Approval System Test Specification Number 1, July 2024

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Yongchang Cai
Electrical & Control - Senior Specialist to
Lloyd's Register Canada Limited
A member of the Lloyd's Register group

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Ratings	Power supply: 24 VDC 120/240 VAC
Additional Tests	Low temperature (-25°C/16 h)
Other Conditions	To fulfil EMC requirements in the Bridge &Deck Zone and the General Power Distribution Zone, the modules must be installed in a suitable EMI enclosure of appropriate dimension (Hoffman CONCEPT EMC enclosure recommended), and the system's power supply lines are to be protected by a 2-line EMC filter (EPCOS B84113C or equivalent). Installation of this equipment for marine applications is to be in accordance with current Lloyd's Register Rules and Regulations.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Canada Limited of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2622124TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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