Certificate No: LR25443179TA
Issue Date: 09/12/2025
Expiry Date: 08/12/2030

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	**Nantong Haishi Shipping Machine Co,Ltd**
Address	East Area, Industrial Concentratin Zone, Liuqiao Town, Tongzhou District, Nantong, 226363, China
Place of Production	Nantong Haishi Shipping Machine Co,Ltd East Area, Industrial Concentratin Zone, Liuqiao Town, Tongzhou District, Nantong, 226363, China
Type	Switch
Description	Float Level Switch HSQK-I / II / III / IV HSQK-I-B / II-B / III-B / IV-B HSQK-IV-15B / IV2-15B
Trade Name	NTHS
Application	Marine application for use in environmental category ENV1 and ENV2, as defined in LR Type Approval Test Specification No.1 July 2024
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2025
Ratings	See Appendix

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Torsten Schroeder
Engineering - Piping/ Decarbonisation - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Other Conditions

1. For products with Ex types application, conditions of use as indicated in the Ex certificate are to be observed.

2. Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR

3. If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21125948TA

The Design Appraisal Document LR25443179TA_DAD and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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