NIPPON KAIJI KYOKAI

(Reissued)

CERTIFICATE OF APPROVAL FOR FIRMS ENGAGED IN COMMISSIONING TESTING OF BALLAST WATER MANAGEMENT SYSTEMS

Certificate No. : **25TZ345**
Approval No. : **22BW011**

THIS IS TO CERTIFY that

Shandong Lion Testing Technology Service Co., Ltd
No.21, Shanghai Street, development zone, Yantai City, Shandong Province, P.R. China

is approved as a firm engaged in commissioning testing of ballast water management systems under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **17 August 2027** subject to periodical assessment.

Issued at Tokyo on 11 July 2025.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)
General Manager of Survey Department

ClassNK

This certificate was reissued due to loss of the original certificate.

This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.

The Periodical Assessment was completed on 29 May 2025.

Periodical Assessment	*Date*	_____
	Signature	_____
		Surveyor to NIPPON KAIJI KYOKAI
Occasional Assessment	*Date*	_____
	Signature	_____
		Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The firm is engaged in the analysis listed in the attachment.
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.

Attachment to
Certificate Number 25TZ345

Organism size class	Indicative analysis (Method / Type of Equipment / Manufacturer)	Detailed analysis
≥50 µm	ATP / B-QUA / LuminUltra	Microscopy
	Fluorescence + Motion detection/ BallastWise/MicroWISE	
≥10 and <50 µm	ATP / B-QUA / LuminUltra	Microscopy (CMFDA/FDA)
	Fluorescence + Motion detection/ BallastWise/MicroWISE	

-- The End --