



This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1874 (M+F) Annex 2 as amended to date

Page 1 of 2

Certificate No: LR2064041TA-02 Issue Date: 25/11/2020 Expiry Date: 24/11/2025

Type Approval Certificate Of Ballast Water **Management System**

This is to certify that the Ballast Water Management System listed below has been examined and tested in accordance with the requirements of the specifications contained in the Code for Approval of Ballast Water Management Systems (resolution MEPC.300(72)). This certificate is valid only for Ballast Water Management system referred to below, on behalf of the Maritime and Coastguard Agency (MCA).

This certificate is issued to

Manufacturer De Nora Marine Technologies, LLC.

Address 1110 INDUSTRIAL BLVD., Sugarland, TX, 77478, United States

Ballast Water BALPURE ® BWMS

Management System

supplied:

Under type and model BALPURE® Models BP-6; BP-8; BP-12; BP-24; BP-36; BP-48; and BP-60

designation and incorporating:

Ballast Water De Nora Water Technologies, LLC

Management System

1110 Industrial Boulevard, Sugar Land, Texas 77478, USA

manufactured by:

De Nora Elettrodi (Suzhou) Co., Ltd.

No. 113, Longtan Road-Suzhou Industrial Park, 215126, Suzhou City, Suzhou, Jiangsu

Province, P.R. China

To equipment/ assembly drawing No: Drawing specific to the model as Specified in the Design Apprasial Document.

Treatment Rated

400 to 8,570 m³/h

Capacity:

Ivan Lines

Senior Specialist- Ballast Water to Lloyd's Register EMEA A member of the Lloyd's Register group

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.





This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1874 (M+F) Annex 2 as amended to date. Page 2 of 2

Certificate No: LR2064041TA-02 Issue Date: 25/11/2020 Expiry Date: 24/11/2025

Type Approval Certificate Of Ballast Water Management System

A copy of this Type Approval Certificate should be carried on board a vessel fitted with this Ballast Water Management System at all times. A reference to the test protocol and a copy of the test results should be available for inspection on board the vessel. If the Type Approval Certificate is issued based on approval by another Administration, reference to that Type Approval Certificate shall be made.

Limiting Conditions imposed as described in the Design Appraisal Document forms part of this certificate.

This certificate remains valid up to the expiry dated unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive whichever is the earlier, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the nominated body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.

This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1874 (M+F) Annex 2 as amended to date.

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.