

Equipment Certification Report

Asset TypeShip Side Valve

Customer NameJOTRON SKIPPER AS

Customer WCN500646

LocationOslo

This is to certify that the undersigned Surveyors to this Bureau did at the request of JOTRON SKIPPER AS, from 10 October 2024 to 25 October 2024, carry out the following survey and report as follows:

Client Asset NameQuantity

two (2) Ship Bottom Gate Valves - SB-100-SA1

Name Plate Data

ABS LabelManufacturerPurchaserDesignerSpare

two (2) Ship Bottom Gate Valves - SB-100-SAGopfert AG-Gopfert AGYes

Basic Identification Data

Serial NumberModel NumberSupplier Reference Number

24544, 24545SB-100-SA129577

Assembly Details

Serial NumberModel Number

24544, 24545SB-100-SA

Report Details

ABS StampingMaltese Cross

6649057Yes

Design Details

Design StateDrawing NumberReviewing Organization

Product Design Assessed22-2329626-PDALondon Engineering Department

Additional Data

Valve MaterialCopper

Valve Size100 mm

Statement of Work - Classification Service - Certification -

- ABS Certificate was issued as required by the Rules
- Company has provided a declaration of conformity as required by International Maritime Organization (IMO) Resolution MSC.282(86), adopting SOLAS Reg. II-1/3-5.2, and the IMO MODU Code 2009, the aforementioned product or design does not contain any form of asbestos.
- Dimensions and tolerances were verified as required by the design approval.
- Manufacturing Record Book was reviewed.

NOTE: This Report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item of material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this Report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Work Order: 6649057-A
First Visit Date: 10-Oct-2024
Last Visit Date: 25-Oct-2024
Vendor Purchase Order Number: 129577
Survey Location: Oslo

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- Material test reports (MTR) were reviewed and found to be the satisfaction of the attending Surveyor. Where required by the Rules, ABS material certification reports have been verified.
 - Plan review and/or Product Design Assessment (PDA) has identified design restrictions and/or limitations which are to be referenced upon installation onboard the vessel.
 - Rule required testing (pressure/load/operational/proof-load/etc.) of the equipment/component was witnessed to the satisfaction of the attending Surveyor.
 - Subject to satisfactory installation, testing and trials after installation onboard the vessel.
 - Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.
 - The intended application of the equipment has not been provided at this time and any specific requirements depending on final application of the equipment is to be verified by the surveyor attending during installation.
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Statement/Observation

Valve intended for for Echo Sounder Transducer, Doppler Log Sensor, or Speed Log Sensor installation.

Valve assembly may include Intermediate Element, Bottom Flange, Blanking Plate, Intermediate tube, Intermediate Flange.

Hydrostatic pressure test was carried out at 5 bar with closed valve for 5 minutes in accordance with 2024 ABS Marine Vessel Rules 4.6.2/7.3.2.

No leakage or plastic deformation were noted during testing.

Material certificates of valves, intermediate elements and bottom fanges were provided by the Manufacturer and satisfactorily reviewed.

The valves were found covered by ABS Product Design Assessment no. 22-2329626-PDA.

Closing Paragraph:

The component/equipment was surveyed in accordance with the Rules, specifications, and approved drawings, as applicable, and is eligible for installation on board an ABS classed vessel subject to satisfactory installation and testing, as necessary.

Attending Surveyor(s):

Refshauge, Arne S.

Signed-off Date: 25-Oct-2024

Reviewing Surveyor(s)

Work Order Reviewer: Fuglei, Tor Brodde
Work Order Credit Date: 25-Oct-2024