

Equipment Certification Report

Asset Type Ship Side Valve
Customer Name JOTRON SKIPPER AS
Customer WCN 500646
Location Oslo

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 Name **Quantity**
Four (4) Single Bottom 100mm Ball Valves 1

Name Plate Data

ABS Label	Manufacturer	Purchaser	Designer	Spare
Four (4) Single Bottom 100mm Ball Valves	MESON AB	-	MESON AB	Yes

Basic Identification Data

Serial Number	Model Number	Supplier Reference Number
24546, 24547, 24548, 24549	SB-100-SB	123148

Report Details

ABS Stamping **Maltese Cross**
6649048 Yes

Design Details

Design State	Drawing Number	Reviewing Organization
Product Design Assessed	22-2329626-PDA	London Engineering Department

Additional Data

Valve Material Austenitic Cast Stainless Steel
Valve Size 100 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.
- Functional testing of subassemblies and completed units, as specified in the fabrication procedures was completed to the satisfaction of the attending Surveyor.
- Manufacturing Record Book was reviewed.
- 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

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: 6649048-A
First Visit Date: 10-Oct-2024
Last Visit Date: 25-Oct-2024
Vendor Purchase Order Number: 123148
Survey Location: Oslo

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.

Statement/Observation

Set of three (3) valves intended for for Echo Sounder Transducer, Doppler Log Sensor, or Speed Log Sensor installation.

Valves 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 flanges 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