

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, on 26 August 2024 carry out the following survey and report as follows:

Client Asset NameQuantity

Single Bottom 100mm Ball Valve8

Name Plate Data

ABS LabelManufacturerPurchaserDesignerSpare

Single Bottom 100mm Ball ValveVisvana-VisvanaYes

Basic Identification Data

Serial NumberModel NumberSupplier Reference Number

24454, 24455, 24456, 24457, 24458, 24459, 24460, 24461SB-100-SB-

Report Details

ABS StampingMaltese Cross

6572776Yes

Design Details

Design StateDrawing NumberReviewing Organization

Product Design Assessed22-2329626-PDALondon Engineering Department

Additional Data

Design Pressure2 bar

Valve MaterialAustenitic Cast Stainless Steel

Valve Size100 mm

Statement of Work - Classification Service - Certification -

- 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.
- 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.

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: 6572776-A
First Visit Date: 26-Aug-2024
Last Visit Date: 26-Aug-2024
Vendor Purchase Order Number: 127108/132725
Survey Location: Oslo

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- 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.
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Statement/Observation

Set of Eight (8) 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):

Fuglei, Tor Brodde

Signed-off Date: 27-Aug-2024

Reviewing Surveyor(s)

Work Order Reviewer: Vocke, Sebastian

Work Order Credit Date: 27-Aug-2024

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, on 26 August 2024 carry out the following survey and report as follows:

Client Asset Name **Quantity**
Single Bottom 60mm Ball Valve 2

Name Plate Data

ABS Label	Manufacturer	Purchaser	Designer	Spare
Single Bottom 60mm Ball Valve	MESON AB	-	MESON AB	Yes

Basic Identification Data

Serial Number	Model Number	Supplier Reference Number
24452, 24453	SB-60-SA	-

Assembly Details

Serial Number	Model Number
24452, 24453	SB-60-SA

Report Details

ABS Stamping **Maltese Cross**
6572776 Yes

Design Details

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

Additional Data

Design Pressure 5 bar
Valve Material Austenitic Cast Stainless Steel
Valve Size 60 mm

Statement of Work - Classification Service - Certification -

- 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.
- Material test reports (MTR) were reviewed and found to be the satisfaction of the attending Surveyor. Where required by the Rules, ABS

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Work Order: 6572776-B
First Visit Date: 26-Aug-2024
Last Visit Date: 26-Aug-2024
Vendor Purchase Order Number: 127108/132725
Survey Location: Oslo

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.

Statement/Observation

Set of Two (2) 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):

Fuglei, Tor Brodde

Signed-off Date: 27-Aug-2024

Reviewing Surveyor(s)

Work Order Reviewer: Vocke, Sebastian
Work Order Credit Date: 27-Aug-2024