

Work Order: 4177118-A
First Visit Date: 03-Mar-2020
Last Visit Date: 03-Mar-2020

Vendor PO Number: 112803

Survey Location: Oslo

Equipment Certification Report

Asset Type Ship Side Valve

Customer Name SKIPPER ELECTRONICS A/S

WCN of Customer 500646 Location Oslo

'This is to certify that the undersigned Surveyors to this Bureau did at the request of SKIPPER ELECTRONICS A/S, on 03-Mar-2020 carry out the following Survey and report as follows:

Client Asset Name Quantity

Shell Valve Diam. 60 mm 2

Name Plate Data

ABS Label Manufacturer Purchaser Destination Vessel

Shell Valve Diam. 60 mm SKIPPER ELECTRONICS A/S -, - -, -

Basic Identification Data

Serial Number Model Number Owner Tag Number

20061, 20062 SB-60-SA -, -

Report Details

ABS Stamping Maltese Cross

4177118 Yes

Design Details

Design state Drawing Number Project Number Reviewing Organization

Product Design Assessed 17-LD1648327-PDA 17-LD1648327-PDA London Engineering Department

Additional Data

Valve Size 60 mm

Valve Material NOT SPECIFIED - Stainless Steel - NOT SPECIFIED - Austenitic Cast Stainless Steel

Report Findings

Statement/Observation

Finding No	Asset	Survey Task	Date Created
173.0	-	Certification - Shell Valve Diam. 60 mm, Shell Valve Diam. 60 mm	03-Mar-2020

Found

Hydrostatic pressure test was carried out at 5 bar with closed valve including bottom flange.

No leakage or plastic deformation were noted during testing.

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.

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Survey

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The valves were found covered by ABS Product Design Assessment no. 17-LD1648327-PDA.

Statement of Work - Classification Service - Certification -

- All parts of the machinery/equipment satisfactorily complied with the approved drawings. Amendments, if any, verified to be rectified and considered satisfactory.
- Asbestos-free declaration verified and supporting documentation reviewed.
- The principal data has been verified in accordance with the applicable Rules/specifications and applicable approved plans, and confirmed to be within acceptable tolerances.
- All testing (pressure/load/operational/etc.) has been carried out as applicable and verified in accordance with the applicable Rules/ specifications.
- Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.
- Traceability of materials used on this project has been verified.

Closing Paragraph:

Tests and examinations as required by the Rules and/or specifications as listed in this report were carried out and found satisfactory.

Attending Surveyor(s):

Fuglei, Tor Brodde Signed-off Date: 05-Mar-2020

Reviewing Surveyor(s)

Work Order Reviewer: Vocke, Sebastian Work Order Credit Date: 05-Mar-2020