



Work Order: 5317011-A
First Visit Date: 08-Jun-2022
Last Visit Date: 09-Jun-2022
Vendor PO Number: 120689
Survey Location: Oslo

Equipment Certification Report

Asset Type Pipe Fitting
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, from 08-Jun-2022 to 09-Jun-2022, carry out the following survey and report as follows:

Client Asset Name Quantity

Set of Three (3) Transducer Tanks 1

Name Plate Data

ABS Label	Manufacturer	Purchaser	Designer	Destination Vessel	Spare
Set of Three (3) Transducer Tanks	SKIPPER ELECTRONICS A/S	-	SKIPPER ELECTRONICS A/S	-	Yes

Basic Identification Data

Serial Number	Model Number	Owner Tag Number	Supplier Ref. Number
BATCH NO. 22163	ETNST	-	TB-2002

Report Details

ABS Stamping

5317011

Design Details

Design state	Drawing Number	Reviewing Organization	Rule Set Name	Rule Set Version
Product Design Assessed	22-2241511-PDA	London Engineering Department	Rules for Building and Classing Marine Vessels	2022

Additional Data

Design Pressure	6 bar
Design Temperature	40 C
Diameter	219 mm
Material	Carbon Steel

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.
- The principal data has been verified in accordance with the applicable Rules/specifications and applicable approved plans, and confirmed to be within acceptable tolerances.

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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- Traceability of materials used on this project has been verified.
- Welding plans, procedures & welder qualifications have been reviewed as required by Rule/Specifications.

Report Findings

Statement/Observation

<i>Finding No</i>	<i>Asset</i>	<i>Survey Task</i>	<i>Date Created</i>
195.0	Set of Three (3) Transducer Tanks	Certification - Set of Three (3) Transducer Tanks	09-Jun-2022

Found

Visual inspection, dimensional control and review of material certification carried out.

Transducer tanks were found covered by ABS Product Design Assessment no. 22-2241511-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):

Silvestro, Francesco

Signed-off Date: 09-Jun-2022

Reviewing Surveyor(s)

Work Order Reviewer: Fuglei, Tor Brodde

Work Order Credit Date: 13-Jun-2022