



Work Order: 5486211-A  
First Visit Date: 04-Oct-2022  
Last Visit Date: 18-Oct-2022  
Vendor PO Number: 122081  
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 04-Oct-2022 to 18-Oct-2022, carry out the following survey and report as follows:

### Client Asset Name Quantity

Set of Two (2) Transducer Tanks 1

### Name Plate Data

ABS Label	Manufacturer	Purchaser	Designer	Destination Vessel
Set of Two (2) Transducer Tanks	SKIPPER ELECTRONICS A/S	-	SKIPPER ELECTRONICS A/S	-

### Basic Identification Data

Serial Number	Model Number	Owner Tag Number	Supplier Ref. Number
22331	ETNST	-	-

### Report Details

#### ABS Stamping Maltese Cross

5486211 Yes

### Design Details

Design state	Project Number	Reviewing Organization	Rule Set Name	Rule Set Version
Product Design Assessed	18-LD1801212-PDA	London Engineering Department	Rules for Building and Classing Marine Vessels	2022

### Additional Data

**Test Pressure** 5 bar

## 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.
- Traceability of materials used on this project has been verified.

## Report Findings

### Statement/Observation

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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<i>Finding No</i>	<i>Asset</i>	<i>Survey Task</i>	<i>Date Created</i>
204.0	Set of Two (2) Transducer Tanks	Certification - Set of Two (2) Transducer Tanks	18-Oct-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):**  
Refshauge, Arne S.  
Signed-off Date: 18-Oct-2022

**Reviewing Surveyor(s)**  
Work Order Reviewer: Fuglei, Tor Brodde  
Work Order Credit Date: 19-Oct-2022