



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	252452
Attending Office	Oslo	Report Number	OS2036091
First Visit Date	05-Sep-2011	Last Visit Date	14-Sep-2011

Certification Of: Ship Side Valve, DN100 with Intermediate Flange
Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.)	AO9993
Model Number	Ball Valve DN100, AIS316/PTFE PN16
Purchaser Name	For Stock

Additional Data

ABS Stamping	OS2036091_A
Valve Size	60
Valve Material	Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure	16 bar

This is to Certify that the undersigned surveyor(s) to this Bureau did, at the request of the customer, carry out the following survey and report as follows:

Traceability of materials used on this project has been verified.

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.

Subject to satisfactory installation, testing and trials after installation onboard the vessel.

Pressure test of Four (4) Ball valves, PO 252452 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.09993	A9629
A.10040	A9628
AAKY16	A9628
A.10014	A9629

See attached material certs for chemical and mechanical properties

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 or 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 the 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.

Customer Name **SKIPPER ELECTRONICS A/S**
Attending Office **Oslo**
First Visit Date **05-Sep-2011**

Purchase Order No. **252452**
Report Number **OS2036091**
Last Visit Date **14-Sep-2011**

Surveyor(s) to The American Bureau of Shipping
Attending Surveyors

Acomb John L

Electronically Signed on 27-Sep-2011

Reviewed By
Refshauge, Arne S.

Electronically Signed on 29-Sep-2011, Oslo Port



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 or 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 the 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.