



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	Knud Erik Jørgensen
Attending Office	Oslo	Report Number	OS1861876
First Visit Date	26-Jul-2010	Last Visit Date	26-Jul-2010

Certification Of: Valve, DN60 PN16 with Intermediate piece Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) 10167
Model Number DN60 PN16
Purchaser Name STOCK

Additional Data

ABS Stamping OS1861876_A
Valve Size 60

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.

For details of Mechanical Properties and/or Chemical Composition, refer to the mill/manufacturer's records.

Final markings for identification confirmed.

Pressure test of One (1) DN60 PN 16 and One (1) DN100 PN16 Stainless Steel Valve.

Test Pressure : 6 Bar

Material certificates reviewed.

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

Fuglei Tor Brodde

Electronically Signed on 29-Jul-2010

Reviewed By
Acomb, John L

Electronically Signed on 29-Jul-2010, 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.



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First Visit Date	26-Jul-2010	Last Visit Date	26-Jul-2010

Certification Of: Valve, DN100 PN16 with Intermediate piece Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) 10168
Model Number DN100 PN16
Purchaser Name STOCK

Additional Data

ABS Stamping OS1861876_B

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Traceability of materials used on this project has been verified.

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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.

For details of Mechanical Properties and/or Chemical Composition, refer to the mill/manufacturer's records.

Final markings for identification confirmed.

Pressure test of One (1) DN60 PN 16 and One (1) DN100 PN16 Stainless Steel Valve.

Test Pressure : 6 Bar

Material certificates reviewed.

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

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Attending Office	Oslo	Report Number	OS1861876
First Visit Date	26-Jul-2010	Last Visit Date	26-Jul-2010

Certification Of: ETNSTC Combo Tank Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Purchaser Name FOR STOCK

Additional Data

Manufacturer

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.

Welding plans, procedures & welder qualifications have been reviewed as required by Rule/Specifications.

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

All parts of the machinery/equipment satisfactorily complied with the approved drawings. Amendments, if any, verified to be rectified and considered satisfactory.

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

Manufacturer test records and/or mill certificates were confirmed to comply with specification.

For details of Mechanical Properties and/or Chemical Composition, refer to the mill/manufacturer's records.

Final markings for identification confirmed.

Visual inspection of Combo Tanks and review of documentation.

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

Fuglei Tor Brodde

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Certification Of: ETNSTC Combo Tank Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Purchaser Name FOR STOCK

Additional Data

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Certification Of: ETNSTC Combo Tank Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Purchaser Name FOR STOCK

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