



AMERICAN BUREAU OF SHIPPING

Customer Name **SKIPPER ELECTRONICS A/S**
Attending Office **Oslo**
First Visit Date **24-May-2011**

Purchase Order No. **252271**
Report Number **OS1992785**
Last Visit Date **14-Jun-2011**

Certification Of: Ship Side Valve, DN60 with Intermediate Flange
Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) Body 1H233G, Flange 1211
Model Number Ball Valve DN60
Purchaser Name For Stock

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department

Additional Data

ABS Stamping OS1992785_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:

Pressure test of Six (6) Ball valves, PO 77462 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.10063 A6297
A.10045 A6297
A.10072 A6297
A.10049 A6297

DN 60

1H233G 1211
1H233G 1211

See attached material certs for chemical and mechanical properties

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

Acomb John L

Electronically Signed on 14-Jun-2011

Reviewed By
Laureys, Guy

Electronically Signed on 25-Jun-2011, Oslo Port



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First Visit Date	24-May-2011	Last Visit Date	14-Jun-2011

Certification Of: Ship Side Valve, DN60 with Intermediate Flange
Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) Body 1H233G, Flange 1211
Model Number Ball Valve DN60
Purchaser Name For Stock

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department

Additional Data

ABS Stamping OS1992785_A
Valve Size 60
Valve Material Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure 16 bar

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Pressure test of Six (6) Ball valves, PO 77462 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.10063	A6297
A.10045	A6297
A.10072	A6297
A.10049	A6297

DN 60

1H233G	1211
1H233G	1211

See attached material certs for chemical and mechanical properties

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Acomb John L

Electronically Signed on 14-Jun-2011

Reviewed By
Laureys, Guy

Electronically Signed on 25-Jun-2011, Oslo Port



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Attending Office **Oslo**
First Visit Date **24-May-2011**

Purchase Order No. **252271**
Report Number **OS1992785**
Last Visit Date **14-Jun-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.) Body A10063, FlangeA6297
Model Number 445192 Ball Valve DN100
Purchaser Name For Stock

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department

Additional Data

ABS Stamping OS1992785_A
Valve Size 100
Valve Material Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure 16 bar

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Pressure test of Six (6) Ball valves, PO 77462 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.10063 A6297
A.10045 A6297
A.10072 A6297
A.10049 A6297

DN 60

1H233G 1211
1H233G 1211

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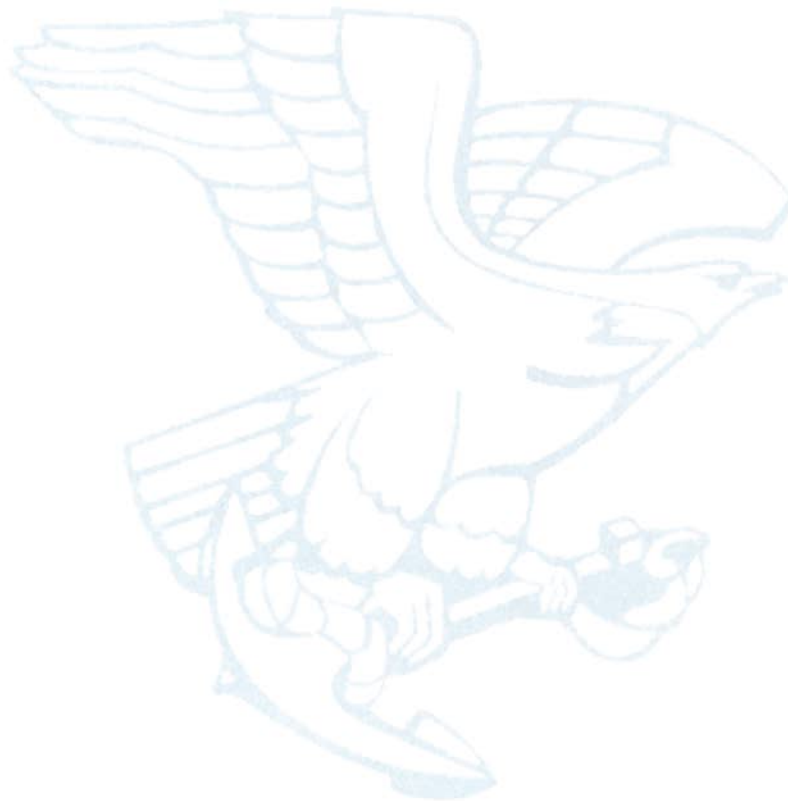
**Surveyor(s) to The American Bureau of Shipping
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Acomb John L

Electronically Signed on 14-Jun-2011

Reviewed By
Laureys, Guy

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Attending Office	Oslo	Report Number	OS1992785
First Visit Date	24-May-2011	Last Visit Date	14-Jun-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.) Body A10072, FlangeA6297
Model Number 445192 Ball Valve DN100
Purchaser Name For Stock

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department

Additional Data

ABS Stamping OS1992785_A
Valve Size 100
Valve Material Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure 16 bar

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Pressure test of Six (6) Ball valves, PO 77462 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.10063	A6297
A.10045	A6297
A.10072	A6297
A.10049	A6297

DN 60

1H233G	1211
1H233G	1211

See attached material certs for chemical and mechanical properties

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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.) Body A10045, FlangeA6297
Model Number 445192 Ball Valve DN100
Purchaser Name For Stock

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department

Additional Data

ABS Stamping OS1992785_A
Valve Size 100
Valve Material Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure 16 bar

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Pressure test of Six (6) Ball valves, PO 77462 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.10063	A6297
A.10045	A6297
A.10072	A6297
A.10049	A6297

DN 60

1H233G	1211
1H233G	1211

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First Visit Date	24-May-2011	Last Visit Date	14-Jun-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.) Body A10049, FlangeA6297
Model Number 445192 Ball Valve DN100
Purchaser Name For Stock

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department

Additional Data

ABS Stamping OS1992785_A
Valve Size 100
Valve Material Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure 16 bar

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Pressure test of Six (6) Ball valves, PO 77462 Test press 6 Bar
4 Stk SB 100

Body Intermediate Flange

DN 100

A.10063	A6297
A.10045	A6297
A.10072	A6297
A.10049	A6297

DN 60

1H233G	1211
1H233G	1211

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