



ABS

CERTIFICATE NUMBER

14-LD1145165G-PDA

DATE

28 February 2014

ABS TECHNICAL OFFICE

London Engineering Department

CERTIFICATE OF

DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of
JO BIRD & COMPANY LTD. - HIGHBRIDGE

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

PRODUCT: **GRP Storage Cabinets**

MODEL: **ToughStore SOS100 Cabinet**

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Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

Efstathios Kalogiton
Engineer

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JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
ToughStore SOS100 Cabinet

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
SOS100: Cabinets made of Injection Moulded Material and Polycarbonate

Ratings:
IP54 Degree of Protection in accordance with BS EN 60529

Service Restriction:
Unit Certification is not required for this product.

Comments:
This certificate is for the IP rating of the product in accordance with standard. The suitability of application should be considered based on the rating of the product.

This certificate is not valid for the design, ratings and operating parameters of which have been varied from the specimen tested.

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes / Drawings / Documentation:

Product Datasheet
TUV test certificate no. SD614071-001 Issue 1 dated 23.09.2005 & SX614071-502 Issue 1 dated 19.10.2005

Term of Validity:

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JO BIRD & COMPANY LTD.
STANDARDS

ABS Rules:

The Rules applicable to this assessment are: ABS Steel vessel Rules 2014; 1-1-4/7.7 & 1-1-A3/A4

National:

NA

International:

BS EN 60529:1992

Government Authority:

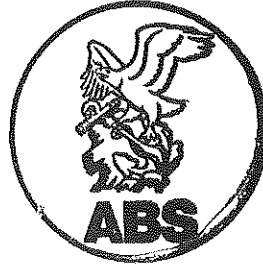
NA

EUMED:

NA

Others:

NA





ABS

CERTIFICATE NUMBER

14-LD1143165F-PDA

DATE

28 February 2014

ABS TECHNICAL OFFICE

London Engineering Department

CERTIFICATE OF

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PRODUCT: **GRP Storage Cabinets**

MODEL: **Firebird PB10 storage chest**

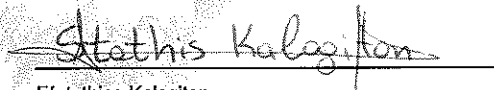
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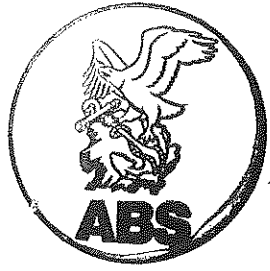
Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING


Efstathios Kalogiton
Engineer

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JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
Firebird PB10 storage chest

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
PB10 and similar models: Single lid, continuous piano type hinged chest made of GRP of minimum 3 mm nominal thickness

Ratings:
IP56 Degree of Protection in accordance with BS EN 60529
After 3 minutes spray, 69.5 ml of water ingress

Service Restriction:
Unit Certification is not required for this product.

Comments:
This certificate is for the IP rating of the product in accordance with standard. The suitability of application should be considered based on the rating of the product.

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The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes / Drawings / Documentation:
Product Datasheet
TUV test certificate no. SD614071-001 Issue 1 & SX614071-002 Issue 1 dated 23.09.2005

Term of Validity:

JO BIRD & COMPANY LTD.

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STANDARDS

ABS Rules:

The Rules applicable to this assessment are: ABS Steel vessel Rules 2014; 1-1-4/7.7 & 1-1-A3/A4

National:

NA

International:

BS EN 60529:1992

Government Authority:

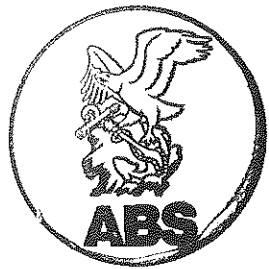
NA

EUMED:

NA

Others:

NA





ABS

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14-LD1143165E-PDA

DATE

28 February 2014

ABS TECHNICAL OFFICE

London Engineering Department

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PRODUCT: **GRP Storage Cabinets**

MODEL: **Firebird RS400 Roller Shutter Cabinet**

This Product Design Assessment (PDA) Certificate 14-LD1143165E-PDA, dated 28/Feb/2014 remains valid until 27/Feb/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

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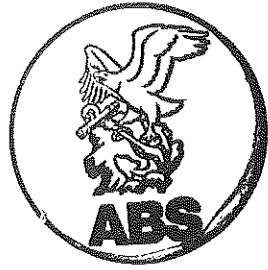
Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

Efstathios Kalogiton
Engineer

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JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
Firebird RS400 Roller Shutter Cabinet

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
RS400 and similar models: Roller Shutter door cabinets made of GRP of minimum 3 mm nominal thickness

Ratings:
IP56 Degree of Protection in accordance with BS EN 60529

Service Restriction:
Unit Certification is not required for this product.

Comments:
This certificate is for the IP rating of the product in accordance with standard. The suitability of application should be considered based on the rating of the product.

This certificate is not valid for the design, ratings and operating parameters of which have been varied from the specimen tested.

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes / Drawings / Documentation:
Product Datasheet
TUV test certificate no. SD614071-001 Issue 1 & SX614071-002 Issue 1 dated 23.09.2005

Term of Validity:
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JO BIRD & COMPANY LTD.
STANDARDS

ABS Rules:

The Rules applicable to this assessment are: ABS Steel vessel Rules 2014; 1-1-4/7.7 & 1-1-A3/A4

National:

NA

International:

BS EN 60529:1992

Government Authority:

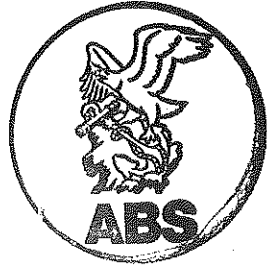
NA

EUMED:

NA

Others:

NA





ABS

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ABS TECHNICAL OFFICE

London Engineering Department

CERTIFICATE OF

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PRODUCT: GRP Storage Cabinets

MODEL: Firebird JB82 Storage Cabinet

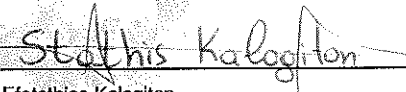
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JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
Firebird JB82 Storage Cabinet

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
JB82 and similar models: Single door double hinged cabinet made of GRP of minimum 3 mm nominal thickness

Ratings:
IP56 Degree of Protection in accordance with IEC 60529 Edition 2.1: 2001

Service Restriction:
Unit Certification is not required for this product.

Comments:
This certificate is for the IP rating of the product in accordance with standard. The suitability of application should be considered based on the rating of the product.

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The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes / Drawings / Documentation:
Product Datasheet
TUV report no. 75918956 Rpt 01 Issue 1 dated 27.09.2012

Term of Validity:
This Product Design Assessment (PDA) Certificate 14-LD1143165D-PDA, dated 28/Feb/2014 remains valid until 27/Feb/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).
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JO BIRD & COMPANY LTD.
STANDARDS

ABS Rules:

The Rules applicable to this assessment are: ABS Steel vessel Rules 2014; 1-1-4/7.7 & 1-1-A3/A4

National:

NA

International:

IEC 60529 Edition 2.1, 2001

Government Authority:

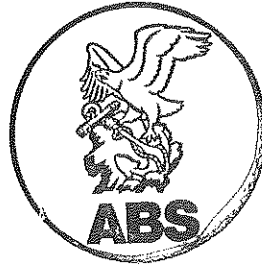
NA

EUMED:

NA

Others:

NA





CERTIFICATE NUMBER

14-LD1143165C-PDA

DATE

28 February 2014

ABS TECHNICAL OFFICE

London Engineering Department

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PRODUCT: **GRP Storage Cabinets**

MODEL: **Firebird JB72 Storage Chest**


This Product Design Assessment (PDA) Certificate 14-LD1143165C-PDA, dated 28/Feb/2014 remains valid until 27/Feb/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

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JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
Firebird JB72 Storage Chest

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
JB72 and similar models: Single lid double/triple hinged chest made of GRP of minimum 3 mm nominal thickness

Ratings:
IP56 Degree of Protection in accordance with IEC 60529 Edition 2.1: 2001

Service Restriction:
Unit Certification is not required for this product.

Comments:
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Notes / Drawings / Documentation:
Product Datasheet
TUV report no. 75918956 Rpt 01 Issue 1 dated 27.09.2012
TUV report no. 75920808 Rpt 01 Issue 1 dated 09.01.2013

Term of Validity:

JO BIRD & COMPANY LTD.

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STANDARDS

ABS Rules:

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National:

NA

International:

IEC 60529 Edition 2.1, 2001

Government Authority:

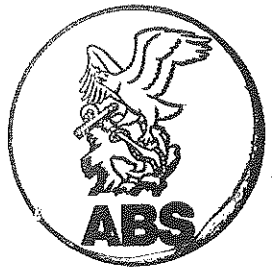
NA

EUMED:

NA

Others:

NA





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DATE

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ABS TECHNICAL OFFICE

London Engineering Department

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PRODUCT: **GRP Storage Cabinets**

MODEL: **Firebird JB17 Equipment Cabinet**

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Efsthios Kalogiton
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JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
Firebird JB17 Equipment Cabinet

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
JB17 and similar models: Double Door Triple hinged cabinets made of GRP of minimum 3 mm nominal thickness

Ratings:
IP56 Degree of Protection in accordance with BS EN 60529

Service Restriction:
Unit Certification is not required for this product.

Comments:
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National:

NA

International:

BS EN 60529:1992

Government Authority:

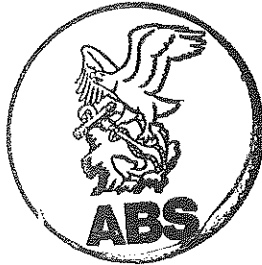
NA

EUMED:

NA

Others:

NA





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ABS TECHNICAL OFFICE

London Engineering Department

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PRODUCT: **GRP Storage Cabinets**

MODEL: **Firebird JB13 General Purpose Cabinet**

This Product Design Assessment (PDA) Certificate 14-LD1143165A-PDA, dated 28/Feb/2014 remains valid until 27/Feb/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

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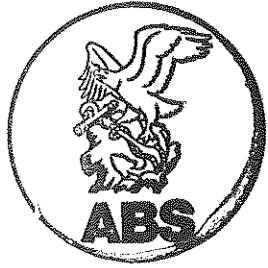
Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

Efsthios Kalogiton
Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This application/certificate is governed by the "Terms and Conditions of the Request for Product Type Approval and Agreement" as contained in the ABS Rules.

JO BIRD & COMPANY LTD.
FACTORY LANE
BASON BRIDGE
HIGHBRIDGE
TA9 4RN
United Kingdom



PRODUCT:
GRP Storage Cabinets

TIER: 2

MODEL:
Firebird JB13 General Purpose Cabinet

Intended Service:
For storage of fire, lifesaving and safety equipment in marine and offshore environment

Description:
JB13 and similar models: Single Door Double/Triple hinged cabinets made of GRP of minimum 3 mm nominal thickness

Ratings:
IP56 Degree of Protection in accordance with BS EN 60529
After 3 minutes spray, 82.5 ml of water ingress

Service Restriction:
Unit Certification is not required for this product.

Comments:
This certificate is for the IP rating of the product in accordance with standard. The suitability of application should be considered based on the rating of the product.

This certificate is not valid for the design, ratings and operating parameters of which have been varied from the specimen tested.

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes / Drawings / Documentation:
Product Datasheet
TUV test certificate no. SD614071-001 Issue 1 & SX614071-001 Issue 1 dated 23.09.2005

Term of Validity:

JO BIRD & COMPANY LTD.

This Product Design Assessment (PDA) Certificate 14-LD1143165A-PDA, dated 28/Feb/2014 remains valid until 27/Feb/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

The Rules applicable to this assessment are: ABS Steel vessel Rules 2014; 1-1-4/7.7 & 1-1-A3/A4

National:

NA

International:

BS EN 60529:1992

Government Authority:

NA

EUMED:

NA

Others:

NA

