



CERTIFICATE NUMBER

10-LD636932A-PDA

DATE

28 October 2010

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
LIBRA PLAST - NORWAY

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. It will remain valid as noted below or until the Rules or specifications used in the assessment are revised (whichever occurs first).

PRODUCT: Door, Watertight

MODEL: Weather/Watertight A60 steel door

ABS RULE: 2010 SVR Part 3-2-9/5.1 & 3-2-9/5.3 ; 3.2.11/3.3 & 3.2.11/3.3 ;

OTHER STANDARD: IMO FTP Res.A714(18);

AMERICAN BUREAU OF SHIPPING

Reginald M. (Mike Bell) Bell

Engineering Type Approval Co-ordinator

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 certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

LIBRA PLAST

N-6060 HAREID

NORWAY

Norway

Telephone: +47 70 09 54 00

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Email: office@libra.no

Web: www.libra.no



Product: Door, Watertight**Model:** Weather/Watertight A60 steel door**Intended Service:**

Weather/Watertight Steel Hinged Door

Description:

¿Hinged Water./Watertight A60 steel door with maximum Clear Opening 910x2000mm. Door leaf thickness 6mm, with port hole diameter 250mm.

Ratings:

A 60

Service Restrictions:

Unit Certification is not required for weather tight doors.

Unit Certification is required for watertight doors for passenger and cargo vessel above 500 GT.

Comments:

Fire Test Report SINTEF Project No. 103060.10 Dated 25-11-2002

Notes / Drawings / Documentation:

This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

Term of Validity:

This Product Design Assessment (PDA) Certificate 10-LD636932A-PDA, dated 28/Oct/2010 remains valid until 27/Oct/2015 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:**

2010 SVR Part 3-2-9/5.1 & 3-2-9/5.3 ; 3.2.11/3.3 & 3.2.11/3.3 ;

National:

NA

International:

IMO FTP Res.A714(18)

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N-6060 HAREID

NORWAY

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Government Authority:

NA

EUMED:

NA

Others:

NA