



CERTIFICATE NUMBER
EFFECTIVE DATE
EXPIRY DATE
ABS TECHNICAL OFFICE

23-2371969-PDA
31-Mar-2023
30-Mar-2028
Houston SED - Commercial,
Existing Vessels

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

BAIER MARINE COMPANY, INC.

located at

**ENGINEERING AND GENERAL OPERATIONS, 2920 AIRWAY
AVENUE, , COSTA MESA, CA, United States, 92626**

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: Door, Weathertight
Model: 06121-101C, 06121-101D, 06121-101E, 06121-101F, 06121-101G, 06121-101H, 06121-101I, 06121-101J, 06122-101C, 06122-101D, 06122-101E, 06122-101F, 06122-101G, 06122-101H, 06122-101I...

Endorsements:


Tier: 2 - PDA Issued

This Product Design Assessment (PDA) Certificate remains valid until 30/Mar/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau Of Shipping


Subramani Ragunathan, Engineer/Consultant

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 ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

BAIER MARINE COMPANY, INC.

ENGINEERING AND GENERAL OPERATIONS

2920 AIRWAY AVENUE

COSTA MESA CA

United States 92626

Telephone: TOLL FREE: (800) 455-3917 DIRECT: (206) 709-1500

Fax: (206) 632-2441

Email: sales@baiermarine.com

Web: www.baiermarine.com

Tier: 2 - PDA Issued

Product: Door, Weathertight
Model: 06121-101C, 06121-101D, 06121-101E, 06121-101F, 06121-101G, 06121-101H, 06121-101I, 06121-101J, 06122-101C, 06122-101D, 06122-101E, 06122-101F, 06122-101G, 06122-101H, 06122-101I, 06122-101J

Endorsements:**Intended Service:**

Weathertight Doors for exterior and interior bulkheads located above the freeboard deck of vessels.

Description:

16 Dog Weathertight doors designed for any vessel located above the freeboard deck. The doors are fabricated from ¼" steel plate and built to ABS Rule requirements. Various standard sizes are available in both right and left hand orientation.

Width x height: 06121-101C, 06121-101D, 06122-101C, 06122-101D: 26in x 60in
06121-101E, 06121-101F, 06122-101E, 06122-101F: 30in x 60in
06121-101G, 06121-101H, 06122-101G, 06122-101H: 30in x 66in
06121-101I, 06121-101J, 06122-101I, 06122-101J: 30in x 72in

Rating:

Max head:

- 06121-101C, 06121-101D, 06122-101C, 06122-101D: 31.7 (ft)
- 06121-101E, 06121-101F, 06122-101E, 06122-101F: 23.8 (ft)
- 06121-101G, 06121-101H, 06122-101G, 06122-101H: 20.5 (ft)
- 06121-101I, 06121-101J, 06122-101I, 06122-101J: 17.9 (ft)

All steel materials are to be equivalent to ABS Grade to the satisfaction of attending surveyor.

Service Restriction:

1. Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.
2. Not to be used on an Offshore Support Vessel and lowest tier bulkheads of all other vessels except towing vessels less than 200 ft.
3. The door thickness for vessel specific to be evaluated during each installation in accordance with Marine Vessel Rule 3-2-11/ 3.3.2
4. Not to be used in a fire rated Bulkhead.

Comments:

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

Notes/Drawing/Documentation:

Drawing No. 06121-101, Door Assy, Do 6 DOG (-101C RH _ -101D LH) 26x60, Revision: F

Drawing No. 06121-401, Frame, Do 6D, Revision: E

Drawing No. 06121-402, Panel, Do 6D, Revision: D

Drawing No. 06122-101, Door Assy, Quick Acting (-101C RH _ -101D LH) 26x60, Revision: C

Drawing No. 06122-401, Panel, Do QA, Revision: B

Terms of Validity:

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STANDARDS

ABS Rules:

Rules for Conditions of Classification,

2023 Marine Vessels Rules 1 1-1-4/7.7, 1-1-A3, 1-1-A4; 3-2-11

2023 Rules of Building and Classing Mobile Offshore Units 1-1-4/9.7, 1-1-A2, 1-1-A3, 3-2-5/5.11

National:

NA

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA