



CERTIFICATE NUMBER
17-LD1629279-PDA

DATE
16 Jun 2017

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

ROCKWOOL INTERNATIONAL A/S

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: **Deck, A-60 Deck**

Model: **A60 Deck, Steel SeaRox SL 620 40mm / 25mm**

This Product Design Assessment (PDA) Certificate 17-LD1629279-PDA, dated 16/Jun/2017 remains valid until 15/Jun/2022 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.

AMERICAN BUREAU OF SHIPPING

Nitin Tyagi
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 the terms and conditions as contained in ABS Rules 1-1-A/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

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Web: www.rockwool-rti.com

Tier: 3 - Type Approved, unit certification not required

Product: Deck, A-60 Deck

Model: A60 Deck, Steel SeaRox SL 620 40mm / 25mm

Intended Service:

To form part of A-Class fire division (deck) on ABS Classed Vessels, Mobile Offshore Drilling Units or Facilities

Description:

A60 Deck, Steel with SeaRox SL 620: Composed of steel deck insulated with SeaRox SL 620 (density 100kg/m³) between the stiffeners and SeaRox SL 620 (density 100kg/m³) around the stiffeners. Minimal thickness of the insulation on the deck is 40mm. Minimal thickness of the insulation around the stiffeners is 25mm. Insulation density range on the deck between the stiffeners is 100-130kg/m³ and on the stiffeners 100-130kg/m³. The insulation is fixed to the deck by means of standard 3mm pins in combination with 30-38mm diameter steel clips (spring washers). Distance between pins on stiffeners is maximum 300mm. Distance between pins on the deck (between stiffeners) is maximum 300mm.

For further details about pin-setting and design see drawing 440-1/2/3/4.

Rating:

A-60 Steel Deck

Service Restriction:

- 1) Unit Certification is not required for this product. If the manufacturer or purchaser's 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) Continuous compliance with the statutory requirements requires maintenance of the Full Type Approval. The scope of Type Approval is to comply with MSC.1/Cir. 1221 dated 1 December 2006.

Comments:

- 1) The Manufacturer has provided a declaration about the control of, or lack of Asbestos in this product.
- 2) Unless specifically directed by the Administration, this approval is not to be construed as a substitute of a flag Administration's approval for the purpose of SOLAS (2014 Consolidated Edition), as amended.
- 3) In those instances where flag administration may have their own specific requirements, flag Administration's approval may be required.

Notes/Drawing/Documentation:

DBI Fire test report ref. PGA10982A, Dated 27 Jan 2017
Insulation installation as per drawing no. 2017003 dated 09 Jan 2017
Pin-setting and design as per drawing 440-1/2/3/4
DBI Assessment Report ref. PHA10908A, Dated 21 Feb 2017
DBI Assessment Report ref. PHA10908B, Dated 21 Feb 2017
DBI Assessment Report ref. PHA10908C, Dated 21 Feb 2017
DBI Assessment Report ref. PHA10908D, Dated 21 Feb 2017
DBI Assessment Report ref. PHA10908E, Dated 21 Feb 2017

Terms of Validity:

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Tier: 3 - Type Approved, unit certification not required

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 Rules for Condition of Classification 2017- Steel Vessels, Steel Vessels Under 90 M, Offshore Support Vessels: 1-1-4/7.7, 1-1-A3 & A4; 2017 High Speed Craft : 1-1-4/11.9, 1-1-A3 & A4

ABS Rules for Condition of Classification -Offshore Units and Structures 2017- Mobile Offshore Drilling Units: 1-1-4/9.7, 1-1-A2 & 1-1-A3

National:

NA

International:

IMO Resolution MSC.307(88) adopted on 3 Dec 2010 - 2010 FTP Code (2012 Edition): International Code for Application of Fire Test Procedures

Government:

NA

EUMED:

NA

OTHERS:

NA



CERTIFICATE NUMBER
17-LD1629279-PDA-DUP

DATE
16 Jun 2017

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

ROXUL ROCKWOOL INSULATION INDIA PVT. LTD.

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: **Deck, A-60 Deck**

Model: **A60 Deck, Steel SeaRox SL 620 40mm / 25mm**

This Product Design Assessment (PDA) Certificate 17-LD1629279-PDA-DUP, dated 16/Jun/2017 remains valid until 15/Jun/2022 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

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Tier: 3 - Type Approved, unit certification not required

Product: Deck, A-60 Deck

Model: A60 Deck, Steel SeaRox SL 620 40mm / 25mm

Intended Service:

To form part of A-Class fire division (deck) on ABS Classed Vessels, Mobile Offshore Drilling Units or Facilities

Description:

A60 Deck, Steel with SeaRox SL 620: Composed of steel deck insulated with SeaRox SL 620 (density 100kg/m³) between the stiffeners and SeaRox SL 620 (density 100kg/m³) around the stiffeners. Minimal thickness of the insulation on the deck is 40mm. Minimal thickness of the insulation around the stiffeners is 25mm. Insulation density range on the deck between the stiffeners is 100-130kg/m³ and on the stiffeners 100-130kg/m³. The insulation is fixed to the deck by means of standard 3mm pins in combination with 30-38mm diameter steel clips (spring washers). Distance between pins on stiffeners is maximum 300mm. Distance between pins on the deck (between stiffeners) is maximum 300mm.

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A-60 Steel Deck

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Comments:

- 1) The Manufacturer has provided a declaration about the control of, or lack of Asbestos in this product.
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ABS Rules for Condition of Classification -Offshore Units and Structures 2017- Mobile Offshore Drilling Units: 1-1-4/9.7, 1-1-A2 & 1-1-A3

National:

NA

International:

IMO Resolution MSC.307(88) adopted on 3 Dec 2010 - 2010 FTP Code (2012 Edition): International Code for Application of Fire Test Procedures

Government:

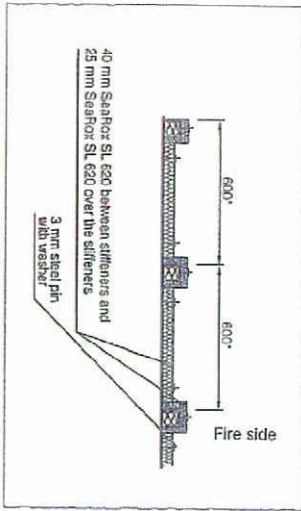
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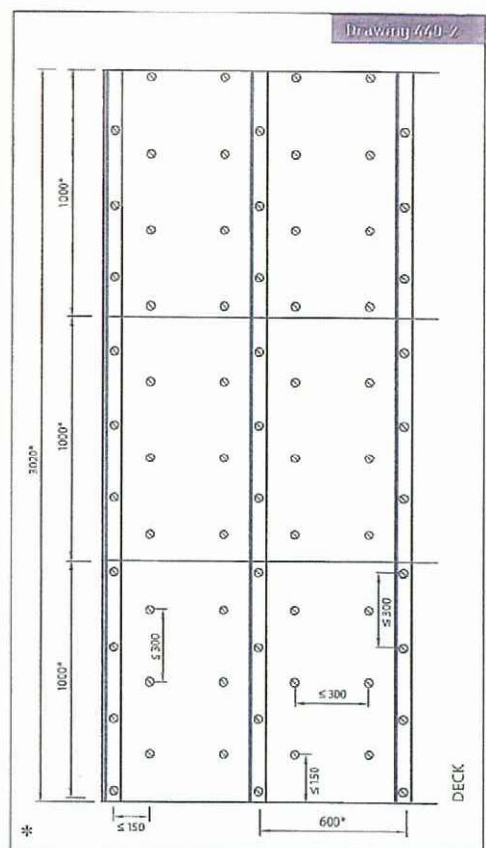
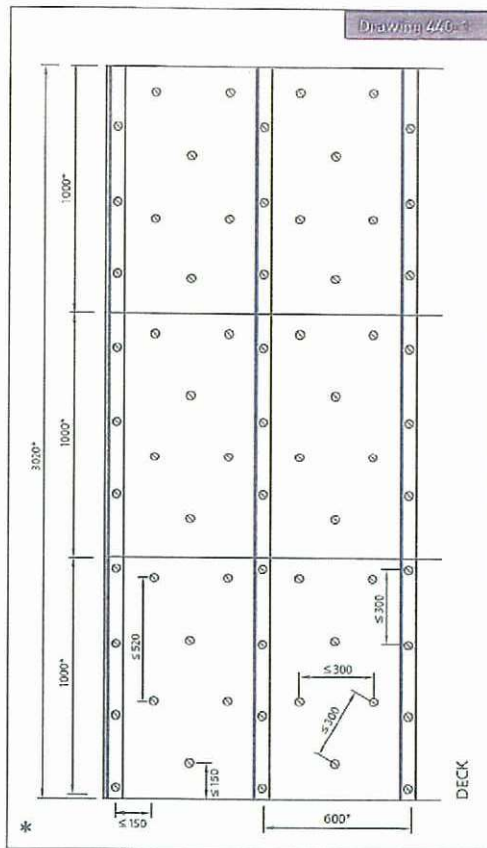
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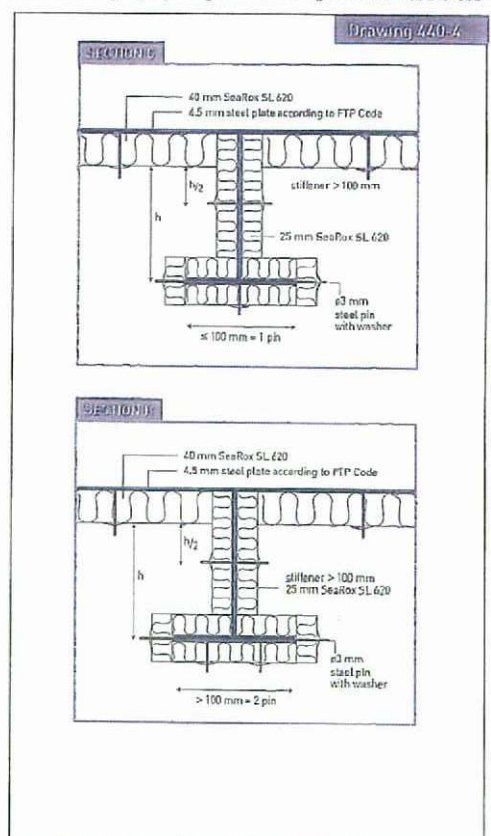
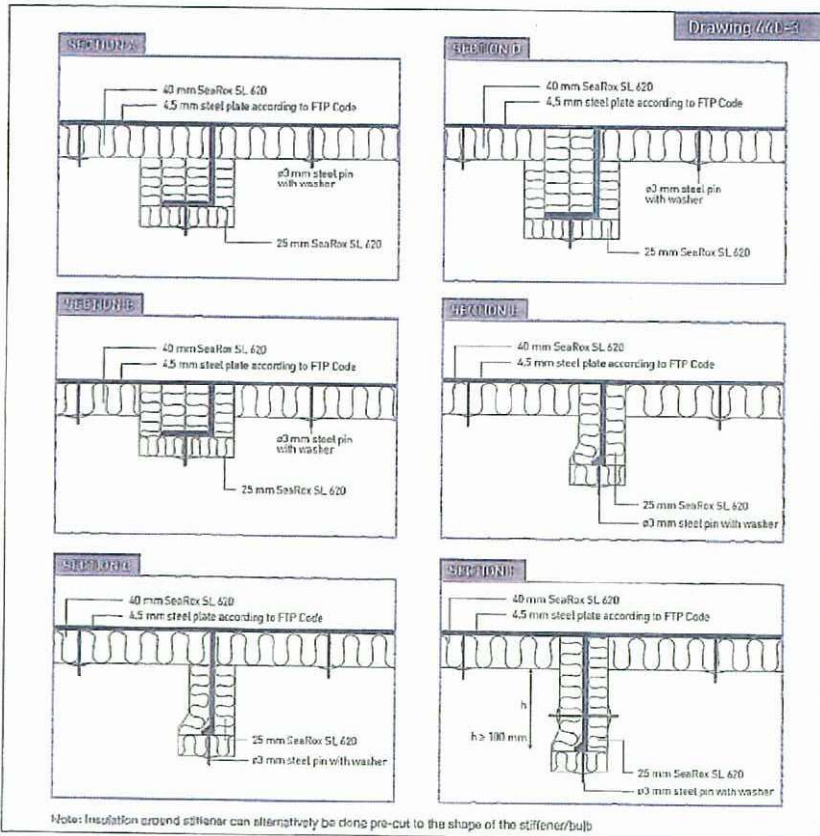
NA



Danish Institute of Fire and Security Technology
File no. PHA10968 B



* Dimensions may vary depending on structural design and size of insulation slab.



Date: 2017/02/09

Subject: A-60 Deck SeaRox SL 620/ SeaRox SL 620

Assessment Report Nos.:

All measurements in mm

ROCKWOOL®
TECHNICAL INSULATION