FOUNDED 1862 ABS

CERTIFICATE NUMBER
15-LD1327835-PDA

DATE
11 Mar 2015

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

T-ISS B.V.

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: **Shielding, oil from source of ignition**

Model: **Spray Stop Anti Splash Tape(Standard & 50 Plus)**

This Product Design Assessment (PDA) Certificate 15-LD1327835-PDA, dated 11/Mar/2015 remains valid until 10/Mar/2020 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

Mohammed K.M. Abbas
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 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).

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Tier: 2 - PDA Issued

Product: **Shielding, oil from source of ignition**

Model: **Spray Stop Anti Splash Tape(Standard & 50 Plus)**

Intended Service:
For preventing splash of flammable fluid from pipe line including flanges and joints for ships and offshore application as per the intent of Regulation II-2/4.2.2.5.3 of SOLAS 1974/78 (2014 Consolidated Edition)

Description:
Multilayer tape including Aluminium / Glasscloth / PET Liner with adhesive in 10 meter lengths with the following widths 500mm, 250 mm, 140 mm, 50mm and 35 mm.

Rating:
Maximum allowable system operating pressure
Spary Stop standard ; 15 bar g
Spray Stop 50 Plus ; 37 bar g
Maximum fluid operating temperature; 150° C.

Service Restriction:
1. To be used only in readily accessible locations for maintenance and inspection.
2. To be installed strictly in accordance with the manufacturer instructions.
3. This product is not intended to be used for pipes insulation or as a replacement or substitute for pipe gaskets and selaings.
4. 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.

Comments:
1) When spray stop 50 plus is installed according to manufacture instruction (Minimum two layers), spray stop 50 plus can hold pressures till 50 bar g.
2)The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes/Drawing/Documentation:
1. Fire Insures Laboratories of Korea, Surface Flammability Test no. 20050289 dated 21 June 2005
2. Textile Lab, Test report no. T2012-303590-004 dated 11 Dec 2012
3. MPA Dresden Test report no. 20150285 dated 20 Feb 2015
4. Union Tank Test report no. UTCK 050413-1
5. Product Information Sheet T-ISS Rev 0.
6. Installation & Application of Spraystop Tape Rev 0.

Terms of Validity:
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STANDARDS

ABS Rules:
The Rules applicable to this assessment are:
2015 Steel Vessel Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-6-4/13.3.3 & 4-6-5/3.3.6
2015 Mobile Offshore Drilling Rules 1-1-4/7.7, 1-1-A2, 1-1-A3, 4-2-3/3.3.3

National:
NA

International:
Regulation II-2/4.2.2.5.3 of SOLAS 1974/78 (2014 Consolidated Edition), IMO Resolution A.653 (16), 2010 FTP Code Annex 1 Part 5.

Government:
NA

EUMED:
NA

OTHERS:
NA

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