



CERTIFICATE NUMBER

03-HS367718/1-PDA

DATE

05 November 2008

ABS TECHNICAL OFFICE

Houston Materials

# CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of  
**NoSpray Protection Systems 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. It will remain valid as noted below or until the Rules or specifications used in the assessment are revised (whichever occurs first).

PRODUCT: Shielding, oil from source of ignition  
MODEL: IM 2002 (Oil Spray Protection Tape)  
ABS RULE: 2008 Steel Vessels Rules 1-1-4/7.7, 4-6-5/3.3.6  
OTHER STANDARD: 1974 SOLAS, Regulation II-2/15.2.11 (II-2/4.2.2.5.3 per 2000 amendments), IMO Resolution A.653(16)

AMERICAN BUREAU OF SHIPPING

Tim Kimble

Engineering Type Approval Co-ordinator

AB25070703

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of American Bureau of Shipping or a statutory, industrial or manufacturer's standard and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. Any significant changes to the assessed/evaluated product without ABS approval will result in this certificate becoming null and void. This certificate is governed by the terms and conditions on the reverse side hereof.

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**Product:** Shielding, oil from source of ignition  
**Model:** IM 2002 (Oil Spray Protection Tape)

**Intended Service:**  
Marine and Offshore Applications

**Description:**

Aluminum/Fibreglass Cloth Jacketing System used for screening or shielding of Pipe Joints and Fittings in systems for Fuel Oil, Lubricating Oil and other flammable oils to prevent the spray of flammable oils coming into contact with hot surfaces in Machinery Rooms in the event of a leak. See attached "pdf" for additional information  
NoSpray Protection System-Tape & Sheet: 35 mm width x 10 m length, 50 mm width x 10 m length, 140 mm width x 10 m length, 250 mm width x 10 m length, 500 mm width x 10 m length, 1000 mm width x 10 m length.  
Aluminum/Fibreglass Tape-Total Thickness 9.5 mil

**Ratings:**

Maximum Temperature 150°C (300° F) Fluid Temperature, Maximum Fluid Pressure (in the piping system): 2 N/mm<sup>2</sup> (300 psi)

**Service Restrictions:**

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.

**Comments:**

The installation is to be carried out in accordance with the manufacturer's instructions. Use is limited to piping which are easily accessible. Visual inspection of the installed tape for integrity is to be carried on a regular basis. Tape once applied is not to be reused and new tape is to be installed when the tape is removed for maintenance purposes. Manufacturer's recommended storage conditions for new tape is 21°C (70°F) and 50% relative humidity. Please refer to attached "pdf" manufacturer's technical brochure for additional details.

**Notes/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 Design Assessment Certificate number 03-HS367718/1-PDA, dated 05/Nov/2008 will expire on 04/Nov/2013 or at an earlier date should there be alterations to the product's design or changes to the referenced ABS Rules and other specifications, which affect the product. Product use on or after 1 January 2009, will be subject to compliance with the ABS Rules or specifications in effect when the vessel, MODU or facility is contracted. The product's acceptability on board ABS-classed vessels or facilities is defined in the service restrictions of this certificate.

**STANDARDS**

**ABS Rules:**

2008 Steel Vessels Rules 1-1-4/7.7; 4-6-5/3.3.6

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**International:**

1974 SOLAS, Regulation II-2/15.2.11 (II-2/4.2.2.5.3 per 2000 amendments), IMO Resolution A.653(16)