

Design Appraisal Document

Date 9 March 2004	Quote this reference on all future communications DAPP/ENG/TA/W00318505/WHC/O-44477
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THE LR TYPE APPROVAL SYSTEM, 2002.**Issued to: NoSpray Protection Systems Ltd.****for****TYPE APPROVAL CERTIFICATE No. 03/00119**

The documents listed below have been examined in accordance with the Type Approval System for compliance with the design and testing requirements of SOLAS Chapter II-2, Regulation 15, Paragraph 2.11, and is assigned an appraisal status as indicated. This Design Appraisal Document forms part of the Certificate.

Producer: NoSpray Protection Systems Ltd.
861 Derwent Way
Delta, British Columbia
Canada V3M 5R4

Place of Production: Scapa Tapes North America
746 Gotham Parkway
Carlstadt, NJ 07072
USA

Description: NoSpray Protection System
Tapes and sheets

Standard/Codes: SOLAS Chapter II-2, Regulations 15, Paragraph 2.11
IMO FTP Code - IMO Resolution A.653(16)

Application: For screening of pipes and fittings in accordance with SOLAS
Chapter II-2, Regulations 15, Paragraph 2.11

Approval Conditions: For use on pipes and joints of:

Nominal Pipe Diameter: Up to 50 mm (2") for screwed joints
Up to 300 mm (12") for flanged joints
Maximum Temperature: 150 °C
Maximum Pressure: 20.7 bar (300 psi)

Restricted to oil pressure pipes located above the floor plates and which have no insulation in way of the joints.

Use is restricted to easily accessible positions where the integrity of the application may be inspected regularly and new covering applied after removal for maintenance purposes.

In all cases the tapes and sheets are to be installed in accordance with the manufacturer's instructions and application manual.

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Documentation: see below

Drawing No.	Rev.	Title	Stat.	Date*
Q03-48A/MJC	-	Request for Marine Services	B	29/08/2003
-	-	Lloyd's Register's Approval Services -Request for Quotation	B	07/07/2003
410-1-5166GDR1	-	DnV Survey Report	B	23/01/2003
-	-	Southwest Research Final Report	B	01/2003
-	-	Product Data Sheet	B	-
-	-	Chemsultants Laboratory Report	B	27/01/2003
VCR2002239	-	DnV Survey Report	B	25/02/2003
MMI 0343037	-	LRNA Inspection Report	B	16/10/2003
-	-	Test Agenda	B	12/11/2003
VCR 0300766	-	Test Details	B	12/11/2003
VCR 0300766	-	Test Details dated 10 February 2004	B	10/02/2004

Appraisal Status Key

* Date of Issue

B = Examined for compliance with the design and testing requirements of the Rules and Standards listed above and considered in order.

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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.

Part 1A
Subject: Pipe and Pipe Couplings
Product: Leakage and Splash Screening Products (Part 1A)

Producer/Licence No.	Type	Description of Product			Cert. No.
		Details of Approval	Application	Remarks	
NoSpray Protection Systems Ltd, 861 Derwent Way, Delta, British Columbia, V3M 5R4, Canada.	NoSpray Protection Systems Tapes and sheets	For use on pipes and joints of: Nominal Pipe Diameter: Up to 50 mm (2") for screwed joints Up to 300mm (12") for flanged joints Maximum Temperature: 150°C Maximum Pressure: 20.7 bar (300 psi)	For screening of pipes and fittings in accordance with SOLAS Chapter II-2, Regulation 15, Paragraph 2.11 IMO FTP Code - IMO Resolution A.653(16)	Expires: 2 December 2008 Other Conditions: Restricted to oil pressure pipes located above the floor plates and which have no insulation in way of the joints. Use is restricted to easily accessible positions where the integrity of the application may be inspected regularly and new covering applied after removal for maintenance purposes. In all cases the tapes and sheets are to be installed in accordance with the manufacturer's instructions and application manual.	03/00119