



**DNV**

## DET NORSKE VERITAS

### STATEMENT OF FACT

#### Spray Shielding in compliance with SOLAS, IMO MSC/Circ. 647, 6 June 1994

This is to state that upon request from the company Bertfelt Teknik AB, Haninge Sweden, the undersigned surveyor did attend their premises for the purpose of witnessing test demonstration of:

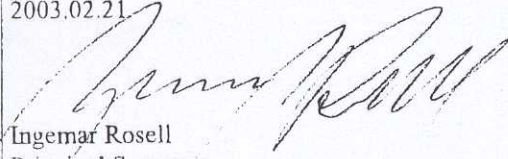
- Spray Shield, type "Spray Control SRN", sample: DIN PN 40 DN 50

The construction of the Spray Shield consists of a 0.5 mm Stainless Steel sheath wrap lined internally with a fine gauge Stainless Steel Wire mesh. The wrap around sheath is secured with an adjustable quick latch lock. The design is resembling the sample as outlined in Appendix 3 of MSC/Circ. 647, 6 June 1994 'Guidelines to minimise Leakage's from Flammable Liquid Systems'.

The Spray Shield was fitted on pipe flange connection assembly provided with a faulty gasket. The leaking gasket was producing a substantial jet of lubrication oil used as test fluid when the assembly was pressurised. With the Spray Shield fitted, and subjecting the faulty pipe flange connection to a pressure of 6 Bar, the ejected leaking oil was collected within the Spray Shield and gently streaming/dripping from the shield wrap perimeter.

As far as can be seen the Spray Shield seems to meet the standards as expressed in Regulation II/2-15 of the SOLAS Convention 'Arrangements for oil fuel, lubricating oil and other flammable oils', and further suitable from service point of view as expressed in item 5.11 of the Annex to MSC/Circ. 851, 1 June 1998 'Guidelines on Engine Room Oil Fuel Systems'.

Haninge, Sweden  
2003.02.21

  
Ingemar Rosell  
Principal Surveyor  
DNV Stockholm, Sweden

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