

# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAP000012X**  
Revision No:  
**1**

## This is to certify:

**That the Miscellaneous Fittings for Pressurised Equipment**

with type designation(s)  
**SprayStop Standard, SprayStop 50 Plus (one layer)**

Issued to  
**T-ISS B.V.**  
**Dinxperlo, Gelderland, Netherlands**

is found to comply with  
**DNV rules for classification – Ships Pt.4 Ch.6 Piping systems**

## Application :

**Products approved by this certificate are accepted for installation on all vessels classed by DNV.**

| Type:                                | Temperature range:         | Design pressure:                 | Operating media:                                   |
|--------------------------------------|----------------------------|----------------------------------|--|
| <b>SprayStop Standard</b>            | <b>150 degrees Celsius</b> | <b>15 barg internal pressure</b> | <b>Fuel oil, lube oil and other flammable oils</b> |
| <b>SprayStop 50 Plus (one layer)</b> | <b>150 degrees Celsius</b> | <b>37 barg internal pressure</b> | <b>Fuel oil, lube oil and other flammable oils</b> |

Issued at **Hamburg** on **2022-09-28**

for **DNV**

This Certificate is valid until **2027-09-27**.

DNV local station: **Rotterdam, Offshore & Newbuilding**

Approval Engineer: **Christian Kaemmer**

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**Sven Klinger**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

