



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAE00003HS
Revision No:
1

This is to certify:

that the **Bulkhead/Deck Penetration**

with type designation(s)
RGPM 25-675

issued to

MCT Brattberg AB
Karlskrona, Sweden

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application:

Cable/pipe penetrations approved for water- and gas tightness in bulkheads and or decks limited to a pressure of 3.3 bar for water tightness and 1.3 bar of gas tightness.

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

Issued at **Høvik** on **2024-04-03**

for **DNV**

This Certificate is valid until **2028-06-30**.

DNV local unit: **Sweden CMC**

Approval Engineer: **Nicolay Horn**

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.



Product description

RGPM 25-675: Sealing for cable and pipe penetration of bulkheads and decks.

Application/Limitation

Cable/pipe penetrations approved for water- and gas tightness in bulkheads or decks limited to a pressure of 3.3 bar water tightness and 1.3 bar gas tightness.

The penetration system is general not to be used for penetrating boundaries of tanks.

Each product is to be supplied with its manual for installation and use.

Type Approval documentation

MCT Brattberg test report including drawing No. 09202/A, dated 2009-07-02
MCT Brattberg test report including drawing No. 6100595/A dated 2010-05-03

Tests carried out

Pressure test with water according to DNV Type Approval program DNV-CP-0165 with test pressure 5 bar for water and 2 bar for gas.

Marking of product

The product or packaging are to be marked with name of manufacturer and type designation.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type Approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the periodical assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Production Sample Tests (PST) and Routines (RT) checked (if not available tests according to PST and RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE