



Certificate No:  
**TAF00001NY**

# TYPE APPROVAL CERTIFICATE

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## This is to certify:

**That the Class A and B Penetration**

with type designation(s)  
**RS-205 & RRS-25 cable penetration**

Issued to

**Remitite Co., Ltd.**  
**Gimhae-si, Gyeongsangnam-do, Korea, Republic of**

is found to comply with

**DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021**  
**DNV rules for classification – Ships**  
**DNV offshore standards**

## Application :

**Approved for use as a cable penetration system in class A-60 bulkheads.**

**This certificate is recognized by Transport Canada.**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.**

Issued at **Høvik** on **2022-03-02**

This Certificate is valid until **2027-03-01**.

for **DNV**

DNV local station: **Gimhae Station**

Approval Engineer: **Marcin Tobiasz**

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**Helene David-Andersen**  
**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.



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## Product description

“RS-205 & RRS-25 cable penetration”

Is a cable penetration system composed of a 100 mm deep steel coaming installed symmetrically and welded to the bulkhead, filled with REMITITE RRS-25 Sleeve around the cables and filling the remaining space between coaming and cables, closed in each end of the transit with a 20 mm deep RS-205 Sealant

For further details, see drawing listed under Type Approval documentation.

## Application/Limitation

Approved for use as a cable penetration system in class A-60 bulkheads for approved ship cables. Other applications are subject to case-by-case approval.

Approved cable penetration in A-60 class bulkhead:

| Type        | Size [mm] | Max. cable Diameter [mm] | Filling Rate [%]         | Sleeve length [mm] | Sleeve thickness [mm] | Sleeve position | Sleeve insulation |
|-------------|-----------|--------------------------|--------------------------|--------------------|-----------------------|-----------------|-------------------|
| Rectangular | 680 x 370 | 92.5                     | 0.6 – 41.6 <sup>1)</sup> | 100                | 5                     | Symmetrical     | Partially         |
| Circular    | Ø50       | 8.7                      | 3.0 – 6.0 <sup>2)</sup>  | 100                | 3.65                  | Symmetrical     | Partially         |
|             | Ø65       | 8.7                      | 1.8 – 7.1 <sup>2)</sup>  | 100                | 3.65                  | Symmetrical     | Partially         |

1) Min. distance between cables is 7 mm.

2) Min. distance between cables is 6 mm.

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

## Type Approval documentation

Certification in accordance with Class Programmes DNV-CP-0338, September 2021.

Test report No. KOMERI-0402-21T1030(E)-A dated 13 July 2021 (initial: 15 April 2021) from KOMERI, Busan, Korea.

Test report No. KOMERI-0402-20T0262(E)-A dated 13 July 2021 (initial: 1 June 2020) from KOMERI, Busan, Korea.

Drawing No. RMBC-RS205-5QL-190503, Rev.1 (7 pages) dated 27 May 2019 from maker.

## Tests carried out

Tested in accordance with IMO 2010 FTP Code Part 3.

## Marking of product

The product or packing is to be marked with name of manufacturer, type designation and fire-technical rating.

## Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled “Procedures for Approval of Life-Saving Appliances, Fire Safety Systems, Equipment and Products (TP14612)”, DNV confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

## Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNV-CP-0338, Section 4.