DNV·GL

Certificate No:
TAF00000YV

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Non-Combustible Material

with type designation(s)
YSDY Mineral wool pipe cover

Issued to
You Shin Dan Yeol Co., Ltd.
Ulsan, Republic of Korea

is found to comply with
DNV GL offshore standards
DNV GL rules for classification – Ships
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations

Application :

Approved for use as non-combustible materials.

This certificate is recognized by Transport Canada.

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

Issued at **Høvik** on **2018-06-11**
This Certificate is valid until **2023-06-10**.
DNV GL local station: **Ulsan**

Approval Engineer: **Tessa Biever**

for **DNV GL**

Mårten Schei-Nilsson
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.

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Job Id: **262.1-028619-1**
Certificate No: **TAF00000YV**

Product description
'YSDY Mineral wool pipe cover' – a homogeneous product consisting of fumed silica, pelite and glassfiber with nominal density of 150 kg/m^3.

Max. organic content: 2%

Application/Limitation
Approved for use as non-combustible materials.

The product may be used as an integrated part of approved fire resisting divisions only when tested as such.

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

Type Approval documentation
Certification in accordance with Class Programme DNVGL-CP-0338, October 2017.

Test report no. A218-0374E dated 2018-05-25 from FILK, Korea.

Tests carried out
Tested according to IMO 2010 FTP Code Part 1.

Marking of product
The product or packing is to be marked with name of manufacturer and type designation.

Transport Canada Approval
Based on the procedures laid down in the Transport Canada Publication entitled "Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)", DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment
DNV GL'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 DNVGL-CP-0338, Section 4.