DNV·GL

Certificate No:
TAE0000372

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electric Power Cable

with type designation(s)
0.6/1 kV SCP

Issued to
TMC Co., Ltd
Cheonan-si, Chungcheongnam-do, Republic of Korea

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards
JIS C 3410:2010

Application :

Switchboard wires. Halogen free.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.
Rated voltage (kV) 0.6/1
Temp. class (°C) 90

Issued at **Busan** on **2018-09-28**
This Certificate is valid until **2023-06-30**.
DNV GL local station: **Seoul**

Approval Engineer: **Eun Sook Kim**

for **DNV GL**

Andreas Kristoffersen
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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Product description

Type: 0.6/1 kV SCP

Conductors: Plain or tinned stranded copper
Core insulation: XLPE

Number of cores x conductor cross-section	Overall diameter
mm^2	mm
1 x 1.0	3.3±0.4
1 x 1.5	3.7±0.4
1 x 2.5	4.3±0.4
1 x 4	4.9±0.4
1 x 6	5.4±0.4
1 x 10	6.6±0.4
1 x 16	8.4±0.4
1 x 25	10.0±0.4
1 x 35	11.8±0.5
1 x 50	13.4±0.5
1 x 70	15.9±0.6
1 x 95	17.9±0.7

Type Approval documentation

Tests carried out

Type test according to JIS C 3410 (2010)

Marking of product

TMC – SCP – Size – 0.6/1 kV

Periodical assessment

The scope of the retention/renewal survey is to verify that the conditions stipulated for the Type Approval Certificate are complied with and that no alterations are made to the design and/or the material of product.

The main elements of the survey are:

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

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE