DNV·GL

Certificate No:
TAK00001BF

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Glass Fibre Products

with type designation(s)
KN G - Series

Issued to
Arvind PD Composites Pvt. Ltd.
Gujarat, Gandhinagar, India

is found to comply with
DNV GL class programme DNVGL-CP-0467 – Type approval – Uni- and multi-axial multi-ply fabrics made of glass fibres

Application :

Manufacturing of FRP laminates.

Issued at **Hamburg** on **2018-08-20**
This Certificate is valid until **2023-08-19**.
DNV GL local station: **Mumbai NB & CMC**

Approval Engineer: **Guido Michalek**

for **DNV GL**

Thorsten Lohmann
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

Unidirectional Fabric (0° or 90°) with/without CSM made of E-Glass and/or E-CR Glass

Approved variants

- KNG (XXXX).2
- KNGM (XXXX).2 / (YYY)
- KNMG (YYY) / (XXXX).2
- KNG (XXXX).3
- KNGM (XXXX).3 / (YYY)
- KNMG (YYY) / (XXXX).3

(XXXX): mass per unit area from 200 up to 2400 g/m²
(YYY): mass per unit area from 25 up to 600 g/m²

Tolerance: ±5%
Moisture content: <0.10%
Compatible with EP-, UP- and VE resins

Type Approval documentation

- Technical Data Sheet
- Test Report No. 22013253 issued by the testing laboratory of Martin-Luther-Universität Halle Wittenberg, dated on 2012-07-01.
- Workshop Inspection Report issued by DNV GL.
- Quality assurance/control documentation.

Limitation

The fabric complies with the applicable requirements of DNV GL and is compatible to the laminating resin. Any significant changes in design and / or quality of the material will render the approval invalid.

Assessed production site

Arvind PD Composites Pvt. Ltd.
Moti Bhoyan, Tal. Kalol
Gandhinagar 382721, Gujarat
Inida

Periodical assessment

A production site with a valid Approval of Manufacturer (AoM) certificate for material in question is exempted from the obligation concerning retention and renewal assessments.
For manufacturer without a valid AoM a periodical assessment after 2.5 years and at renewal after 5 years is required.

Remarks

This certificate supersedes the approval WP 1430001 HH.

END OF CERTIFICATE