DNV·GL

Certificate No:
TAK00000JD

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Glass Fibre Products

with type designation(s)
KN - 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

This Certificate is valid until **2022-01-02**.

Issued at **Hamburg** on **2017-01-03**

for **DNV GL**

DNV GL local station: **Hamburg Materials & Welding**

Approval Engineer: **Guido Michalek**

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.

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Job Id:
Certificate No: **TAK00000JD**

The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description
Quadraxial Fabric (0°/±45°/90°) with/without Chopped Strandmat (CSM) made of E-glass.

Approved variants
KN G (XXXX)M4
KN GM (XXXX)M4/(YYY)
KN MG (YYY)/(XXXX)M4
KN MGM (YYY)/(XXXX)M4/(YYY)

(XXXX): Mass per unit area from 100 g/m² up to 2400 g/m²
(YYY): Mass per unit area from 100 g/m² up to 750 g/m²

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.

Type Approval documentation
- Technical Data Sheet
- Test Report No. 201620176 UK02 issued by Polymer Service GmbH Merseburg, dated on 2016-07-08.
- Quality documentation and records

Assessed production sites
Moti Bhoyan, TA.:Kalol
Gandhinagar – 382721
Gujarat
India

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.

END OF CERTIFICATE