DNV·GL

Certificate No:
TAW0000411

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
Avesta 309L-16

Manufacturer
Voestalpine Böhler Welding (China) Co., Ltd.
Suzhou, 100, China

is found to comply with
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables
DNV GL rules for classification – Ships

with this approval

Grade	**VL 309L**
Current	**DC(+)**
Approved diameter	**2.5 - 5.0 mm**
Positions	**All, except vertical downwards**
Remarks	**Also for fillet welding**

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

Issued at **Hamburg** on **2018-10-22**
This Certificate is valid until **2023-06-30**.
DNV GL local station: **Shanghai**

Approval Engineer: **Dietmar Liebich**

for **DNV GL**

Thorsten Lohmann
Head of Section

Any significant change in design or construction may render this Certificate invalid.

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