DNV·GL

Certificate No:
**TAW00003TH**

# TYPE APPROVAL CERTIFICATE

## This is to certify:

**That the Electrode**

with trade name
**E7018-1**

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

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

with this approval

| | |
|---|---|
| **Grade** | **4 Y40H5** |
| **Current** | **DC(+)** |
| **Approved diameter** | **2.5 mm - 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 **2018-06-27**
This Certificate is valid until **2023-06-26**.
DNV GL local station: **Shanghai**

for **DNV GL**

Approval Engineer: **Ludger Hachmöller**

**Thorsten Lohmann**
**Head of Section**

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



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