DNV·GL

Certificate No:
TAW00004MN

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux combination

with trade name
Union S 3 NiMoCr / UV 418 TT

Manufacturer
voestalpine Böhler Welding Germany GmbH
Hamm, Germany

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	**V Y69M(H5)**
Current	**DC(+)**
Approved diameter	**2,0 mm - 4,0 mm**
Positions	**Flat**
Remarks	**Impact test at - 60°C average value > 47 Joule** **As welded condition**

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

Issued at **Hamburg** on **2020-05-06**
This Certificate is valid until **2020-12-31**.
DNV GL local station: **Essen**

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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