

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux combination

with trade name

Union S 3 / 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 YM
Current	DC(+)
Approved diameter	3,0 mm - 4,0 mm
Positions	Flat
Remarks	

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 **2022-12-31**.

for **DNV GL**

DNV GL local station: **Essen**

Approval Engineer: **Dietmar Liebich**

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Thorsten Lohmann
Head of Section

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

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