

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux combination

with trade name
Union S 2 / UV 400

Manufacturer

voestalpine Böhler Welding Germany GmbH
Hamm, Germany

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	III YTM
Current	AC, DC +
Approved diameter	2,0 - 4,0mm
Positions	PA (1G, 1F)
Remarks	For two-run technique (T) max. thickness = 20 mm As welded condition

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

This Certificate is valid until **2020-12-31**.

Issued at **Hamburg** on **2016-07-14**

DNV GL local station: **Essen**

for **DNV GL**

Approval Engineer: **Hans-Joachim Vogt**

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Thorsten Lohmann
Head of Section

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