

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Gas combination

with trade name
Union X 69 / M21

Manufacturer
voestalpine Böhler Welding Germany GmbH
Hamm, Germany

is found to comply with
DNV class programme DNV-CP-0338 – Type approval – Type approval scheme

with this approval

Grade	*
Current	DC(+)
Approved diameter	1.0 mm - 1.2 mm
Positions	Flat
Remarks	*) ISO 16834-A G 69 4 M21 Mn3Ni1CrMo Minimum average impact energy 47 Joule Wire: Only valid with product label code DNV (01)

Issued at **Hamburg** on **2021-12-20**

This Certificate is valid until **2026-12-19**.

DNV local station: **Essen**

Approval Engineer: **Dietmar Liebich**

for **DNV**

Thorsten Lohmann
Head of Section

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

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