



Certificate no.:
TAW00005XE

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
Thermanit 17/15 TT / M13

Manufacturer
voestalpine Böhler Welding (China) Co., Ltd.
Suzhou, China

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

with this approval

Grade	*
Current	DC(+)
Approved diameter	1.0 mm - 1.2 mm
Positions	All, except vertical downwards
Remarks	*) For NV 1.5 Ni up to NV 5 Ni For Gas metal arc welding (GMAW) Wire: Only valid with product label code DNV (25)

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

Issued at **Hamburg** on **2025-03-05**

This Certificate is valid until **2030-03-04**.

for **DNV**

DNV local unit: **Shanghai**

Approval Engineer: **Dietmar Liebich**

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

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