



Certificate no.:
TAW00005ZS

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
HWTER2209 / I1

Manufacturer
Harbin Well Welding Co., Ltd.
Harbin, Heilongjiang, China

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

with this approval

Grade	*
Current	DC(-)
Approved diameter	1.6 mm - 2.4 mm
Positions	All, except vertical downwards
Remarks	For TIG welding of ferritic-austenitic stainless steels (Duplex) UNS S31803

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

Issued at **Hamburg** on **2025-05-19**

This Certificate is valid until **2030-05-18**.

DNV local unit: **Dalian NB & CMC**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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

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