Certificate no.:
TAW00005XM

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
HWTER309L(A) / 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	**NV 309 L**
Current	**DC(-)**
Approved diameter	**0.8 mm - 1.2 mm**
Positions	**Flat**
Remarks	**For automatic TIG welding**
	Impact test temp. - 196°C

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

Issued at **Hamburg** on **2025-05-06**
This Certificate is valid until **2030-05-05**.
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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