Certificate no.:
TAW00005X7

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Electrode

with trade name
HWE2594-15

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	**3.2 mm - 4.0 mm**
Positions	**Butt weld: Flat**
	Fillet weld: Flat and horizontal
Remarks	***) For welding of ferritic-austenitic stainless steels (Duplex) UNS S32750**
	Also for fillet welding

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

Issued at **Hamburg** on **2025-05-12**
This Certificate is valid until **2030-05-11**.
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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