Certificate no.:
TAW00005VF

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Flux combination

with trade name
TSW-14HE / TF-650

Manufacturer
Tien Tai Electrode (Kunshan) Co., Ltd.
Kunshan, Jiangsu, 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	**IV Y40TM(H5)**
Current	**DC(+)**
Approved diameter	**2.4 mm - 5.0 mm**
Positions	**Flat**
Remarks	

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

Issued at **Hamburg** on **2025-01-06**
This Certificate is valid until **2030-01-05**.
DNV local unit: **Shanghai**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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