



TYPE APPROVAL CERTIFICATE

Certificate No:
TAW00003WE
Revision No:
1

This is to certify:

That the Wire/Flux combination

with trade name
TSW-E31 / TF-250

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	V Y46M(H5)
Current	DC(+)
Approved diameter	3.2 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 **2023-08-17**

for **DNV**

This Certificate is valid until **2028-08-02**.

DNV local unit: **Shanghai**

Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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

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