

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW0000038
Revision No:
2

This is to certify:

that the Wire/Flux combination

with trade name
TSW-12KM / TF-565

Manufacturer

Tien Tai Electrode Co., Ltd.
Tainan, Taiwan Region

is found to comply with

DNV rules for classification – Ships

DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade	III YM(H5)
Current	DC(+)
Approved diameter	2.4 mm - 4.8 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 **2024-07-25**

This Certificate is valid until **2029-08-06**.

DNV local unit: **Kaohsiung**

Approval Engineer: **Dietmar Liebich**

for **DNV**



Digitally Signed By:
Ludger Hachmöller
Location: **DNV Hamburg,**
Germany

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

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