

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW00001RU
Revision No:
4

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
TWE-715 / C1

Manufacturer

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

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	III YMS(H10)
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, except vertical downwards
Remarks	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 **2026-08-13**

This Certificate is valid until **2031-06-30**.

DNV local unit: **Kaohsiung**

Approval Engineer: **Christine Löll**

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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