



Certificate No:
TAW00005AU

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
TWE-711PRO / C1

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 Y40 S (H5)
Current	DC (+)
Approved diameter	1.2 mm - 1.4 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding, Impact test at -50°C average value > 47 Joule

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

Issued at **Hamburg** on **2022-11-08**

for **DNV**

This Certificate is valid until **2027-11-07**.

DNV local unit: **Shanghai**

Approval Engineer: **Gabi Dau**

Thorsten Lohmann
Head of Section

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

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