

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW00003WC
Revision No:
3

This is to certify:

that the Wire/Gas combination

with trade name
TIG-50 / I1

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 YM(H5)
Current	DC(-)
Approved diameter	1.2 mm - 3.2 mm
Positions	All, except vertical downwards
Remarks	For TIG Also for fillet welding Impact test at -50°C average value >47 Joule Also for PWHT (620°C*4 hours)

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

Issued at **Hamburg** on **2025-08-13**

This Certificate is valid until **2028-06-30**.

DNV local unit: **Shanghai**

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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