Certificate no.:
TAW000062A

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
TDF-E309L(B) / CO2

Manufacturer
Shandong Tengda Special Steel Wire Technology Co., Ltd.
Zaozhuang, Shandong Province, 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	**NV 309L**
Current	**DC(+)**
Approved diameter	**1.0 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 **2025-09-01**
This Certificate is valid until **2030-08-31**. for **DNV**
DNV local unit: **Qingdao NB & CMC**

Approval Engineer: **Dietmar Liebich**

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