



Certificate no.:
TAW000061X

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
TDF-E316LT / 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 316 L
Current	DC(+)
Approved diameter	1.0 mm - 1.6 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding
	Impact test temp. - 196°C

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

Issued at **Hamburg** on **2025-08-18**

This Certificate is valid until **2030-08-17**.

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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