



Certificate no.:
TAW0000649

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Flux combination

with trade name
AT-ER2209 / AT-SJ2209

Manufacturer
AT&SE Welding Materials Co., Ltd
Tianjin, China

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	*
Current	DC(+)
Approved diameter	3.2 mm - 4.0 mm
Positions	Flat
Remarks	*) For welding of ferritic-austenitic (Duplex) stainless steels (UNS S31803, 1.4462)

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

Issued at **Hamburg** on **2026-03-09**

This Certificate is valid until **2030-12-31**.

DNV local unit: **Dalian NB & CMC**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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

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