



Certificate no.:
TAW000061C

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Electrode

with trade name
HWE309LMo-16

Manufacturer

Harbin Well Welding Co., Ltd.
Harbin, Heilongjiang, 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	NV 309 MoL
Current	DC(+)
Approved diameter	3.2 mm - 4.0 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 **2025-08-21**

This Certificate is valid until **2030-08-20**.

for **DNV**

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

Approval Engineer: **Ludger Hachmöller**

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

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