



Certificate No:
TAW00005DV

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
CHS022

Manufacturer

Shanghai Atlantic Welding Consumables Co., Ltd
SHANGHAI, 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	AC/DC(+)
Approved diameter	2.5 mm - 5.0 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 **2023-05-19**

This Certificate is valid until **2028-05-18**.

DNV local unit: **Shanghai**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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Thorsten Lohmann
Head of Section

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

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