Certificate No:
TAW00005DZ

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Gas combination

with trade name
CHG-309LR / I1

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 309 L**
Current	**DC(-)**
Approved diameter	**1.0 mm - 3.2 mm**
Positions	**All, except vertical downwards**
Remarks	**For TIG welding**
	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**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

Thorsten Lohmann
Head of Section

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