

**TYPE APPROVAL CERTIFICATE****This is to certify:****That the Electrode**with trade name  
**A102(E308-16)**

Manufacturer

**Tianjin Golden Bridge Welding Materials Group Co., Ltd.**  
**Tianjin, China**

is found to comply with

**DNV GL rules for classification – Ships**  
**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

with this approval

<b>Grade</b>	<b>VL 308</b>
<b>Current</b>	<b>AC/DC(+)</b>
<b>Approved diameter</b>	<b>2.5 mm - 5.0 mm</b>
<b>Positions</b>	<b>All, except vertical downwards</b>
<b>Remarks</b>	<b>---</b>

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2021-01-20**This Certificate is valid until **2026-01-19**.DNV GL local station: **Tianjin**Approval Engineer: **Hans-Joachim Vogt**for **DNV GL**Digitally Signed By: Hachmoeller, Ludger  
Location: DNV GL Hamburg, Germany  
Signing Date: 25.01.2021 , on behalf of**Thorsten Lohmann**  
**Head of Section**

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