

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Electrode**

with trade name
J48.57 (J507)

Manufacturer

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

is found to comply with

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

with this approval

Grade	3 YH10
Current	DC(+)
Approved diameter	2,5 - 5,0 mm
Positions	All, except vertical downwards
Remarks	

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

Issued at **Hamburg** on **2018-04-06**

This Certificate is valid until **2022-12-31**.

DNV GL local station: **Dalian**

Approval Engineer: **Dietmar Liebich**

for **DNV GL**

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Thorsten Lohmann
Head of Section

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



Form code: WELD 1421a

Revision: 2016-12

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