

TYPE APPROVAL CERTIFICATE

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

with trade name

J48.56 Fe-1 (J506Fe-1)

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	4 YH5
Current	AC/DC(+)
Approved diameter	3,2 - 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 GL.Issued at **Hamburg** on **2018-04-06**This Certificate is valid until **2022-12-31**.DNV GL local station: **Dalian**for **DNV GL**Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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



Form code: WELD 1421a

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