

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
JL-YJQ5011 / C1

Manufacturer

Shandong Juli Welding Co., Ltd.
Dezhou, Chinais found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	III YMS(H10)
Current	DC +
Approved diameter	1.2 - 1.6mm
Positions	All, including vertical-down
Remarks	AWS A5.20 - E71T-1C

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-12-31**.Issued at **Hamburg** on **2017-02-15**DNV GL local station: **Qingdao**for **DNV GL**Approval Engineer: **Hans-Joachim Vogt**

Thorsten Lohmann
Head of Section

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