

TYPE APPROVAL CERTIFICATE**This is to certify:****That the Wire/Gas/Backing combination**with trade name
DW-55E / C1 / FB-B3

Manufacturer

Kobelco Welding of Qingdao Co., Ltd.
Qingdao, Shandong Province, 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

Grade	IV Y40MS
Current	DC(+)
Approved diameter	1.2 mm, 1.4 mm, 1.6 mm
Positions	Flat, vertical upwards and horizontal
Remarks	One-side welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2021-01-22**for **DNV GL**This Certificate is valid until **2026-01-21**.DNV GL local station: **Qingdao NB & CMC**Approval Engineer: **Ludger Hachmöller**

Thorsten Lohmann
Head of Section

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