

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW00001KW
Revision No:
2

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 rules for classification – Ships
DNV class programme DNV-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.

Issued at **Hamburg** on **2026-01-20**

This Certificate is valid until **2031-01-21**.

DNV local unit: **Qingdao NB & CMC**

Approval Engineer: **Christine Löll**

for **DNV**



Digitally Signed By:
Ludger Hachmöller
Location: **DNV Hamburg,**
Germany

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

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