

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
DW-50 / C1

Manufacturer

Kobelco Welding of Europe B.V.
HEERLEN, Netherlandsis found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	III YMS(H5)
Current	DC(+)
Approved diameter	1.1 mm - 1.6 mm
Positions	All, incl. 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.This Certificate is valid until **2021-12-31**.Issued at **Høvik** on **2017-01-01**DNV GL local station: **Rotterdam**Approval Engineer: **Maxim Bobrov**for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section

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