

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**

with trade name

FAMILIARC™ DW-50 / C1

Manufacturer

**Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka Pef, Japan**

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	III YMS(H5)
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, incl. vertical downwards
Remarks	-

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2020-12-31**.Issued at **Høvik** on **2015-12-03**DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Maxim Bobrov**

Hanne Anita Hjerpetjønn
Head of Section

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