

TYPE APPROVAL CERTIFICATE

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

with trade name

FAMILIARC™ MG-50 / C1 / FB-B3

Manufacturer

**Kobe Steel Ltd., Fukuchiyama Plant
Fukuchiyama Kyoto Pref, Japan**

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	III YMS
Current	DC(+)
Approved diameter	0.8 mm - 1.6 mm
Positions	Flat and horizontal
Remarks	One-side welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-06-30**.Issued at **Høvik** on **2016-07-01**DNV GL local station: **Kobe**Approval Engineer: **Maxim Bobrov**for **DNV GL**

Hanne Anita Hjerpetjonn
Head of Section

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