

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Iron Powder/Flux/Backing combination**

with trade name

FAMILIARC™ US-36 / RR-2 / FAMILIARC™ PF-I52E / FA-B1

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	II Y
Current	AC
Approved diameter	3.2 - 6.4mm
Positions	PA (1G)
Remarks	For one-side welding, one-run

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-09-18**.Issued at **Hamburg** on **2016-09-19**DNV GL local station: **Kobe**Approval Engineer: **Dietmar Liebich**for **DNV GL**

Thorsten Lohmann
Head of Section

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