



TYPE APPROVAL CERTIFICATE

Certificate No:
TAW00001YC
Revision No:
1

This is to certify:

That the Wire/Flux/Backing Flux

with trade name
FAMILIARC US-36 / FAMILIARC MF-300 / FAMILIARC RF-1

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

is found to comply with
DNV GL rules for classification – Ships
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables

with this approval

Grade	I Y
Current	AC
Approved diameter	3.2 - 4.8mm
Positions	PA (1G)
Remarks	SAW-one-side welding on backing flux (FAMILIARC RF-1) welded in single run. Max. thickness 12 mm

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2021-09-20**

for **DNV**

This Certificate is valid until **2026-04-30**.

DNV local station: **Kobe**

Approval Engineer: **Enno Brück**

Thorsten Lohmann
Head of Section

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