



# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAW00001YF**  
Revision No:  
**1**

## This is to certify:

That the **Wire/Flux combination**

with trade name

**FAMILIARC US-36 (2x) / FAMILIARC PF-H55EM / FAMILIARC RR-2 / FAMILIARC PF-I50R**

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

<b>Grade</b>	<b>III Y</b>
<b>Current</b>	<b>AC, DC-</b>
<b>Approved diameter</b>	<b>4.8 - 6.4mm</b>
<b>Positions</b>	<b>PA (1G)</b>
<b>Remarks</b>	<b>SAW-one-side welding with two wires plus metal powder (FAMILIARC RR-2) on backing flux (FAMILIARC PF-I50R) welded in single run. Max. thickness 25mm</b>

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**

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**Thorsten Lohmann**  
**Head of Section**

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

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