

# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAW00002G8**  
Revision No:  
**1**

## This is to certify:

That the Wire/Flux combination

with trade name

**US-36 (3x) / PF-I55E / RR-2 / 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

Grade	III Y
Current	AC
Approved diameter	4.8 mm - 6.4 mm
Positions	Flat
Remarks	SAW-one-side welding with three wires plus metal powder (FAMILIARC™ RR-2) on backing flux (FAMILIARC™ PF-I50R) welded in one-run technique. Max. thickness 35 mm

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

Issued at **Hamburg** on **2021-09-29**

for **DNV**

This Certificate is valid until **2026-06-30**.

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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