DNV·GL

Certificate No:
TAW00001YE

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux combination

with trade name
FAMILIARC US-36 (3x) / FAMILIARC PF-H55EM / FAMILIARC RR-2 / FAMILIARC PF-I50R

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

is found to comply with
DNV GL rules for classification – Ships

with this approval

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

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

This Certificate is valid until **2021-04-30**.

Issued at **Hamburg** on **2016-09-01**

for **DNV GL**

DNV GL local station: **Kobe**

Approval Engineer: **Hans-Joachim Vogt**

Thorsten Lohmann
Head of Section

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

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