

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
FAMILIARC™ DW - 100/C1

Manufacturer

Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka Pref, Japanis found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	II Y40MS(H10)
Current	DC+
Approved diameter	1.0 - 1.6mm
Positions	All including vertical down
Remarks	---

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-08-07**.Issued at **Hamburg** on **2016-08-08**DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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