

TYPE APPROVAL CERTIFICATE

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

Manufacturer

Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka 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 Y40MS
Current	DC(+)
Approved diameter	1,2 mm - 1,4 mm
Positions	All, including vertical downwards
Remarks	Also for fillet welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-07-21**This Certificate is valid until **2022-07-20**.DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Hans-Joachim Vogt**

Thorsten Lohmann
Head of Section

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

Form code: WELD 1421a

Revision: 2016-12

www.dnvgl.com

Page 1 of 1