DNV·GL

Certificate No:
TAW00003NK

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas/Backing combination

with trade name
DW-100ES / C1 / FB-B3

Manufacturer
Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka Pef, 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	**Flat, Vertical upwards and Horizontal**
Remarks	

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

Issued at **Hamburg** on **2018-04-06**
This Certificate is valid until **2023-04-05**.
DNV GL local station: **Kobe**

Approval Engineer: **Ludger Hachmöller**

for **DNV GL**

Thorsten Lohmann
Head of Section

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

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.