



TYPE APPROVAL CERTIFICATE

Certificate No:
TAW00003NK
Revision No:
1

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 class programme DNV-CP-0069 – Type approval – Welding consumables
DNV rules for classification – Ships

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.

Issued at **Hamburg** on **2023-05-26**

for **DNV**

This Certificate is valid until **2028-04-05**.

DNV local unit: **Kobe**

Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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