

# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAW0000094**  
Revision No:  
**3**

## This is to certify:

that the Flux Cored Wire/Gas/Backing combination

with trade name  
**DW-55L / C1 / FB-B3**

Manufacturer  
**Kobe Steel, Ltd. Ibaraki Plant**  
**Ibaraki, Osaka Pef, Japan**

is found to comply with  
**DNV rules for classification – Ships**  
**DNV class programme DNV-CP-0069 – Type approval – Welding consumables**

with this approval

<b>Grade</b>	<b>V Y40MS</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm - 1.4 mm</b>
<b>Positions</b>	<b>Flat, Horizontal and Vertical upwards</b>
<b>Remarks</b>	<b>One-side welding</b>

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

Issued at **Hamburg** on **2024-10-24**

This Certificate is valid until **2029-09-30**.

DNV local unit: **Japan CMC**

Approval Engineer: **Dietmar Liebich**

for **DNV**



Digitally Signed By:  
**Ludger Hachmöller**  
Location: **DNV Hamburg,**  
**Germany**

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

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