

# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAW00000SN**  
Revision No:  
**2**

## This is to certify:

that the Flux Cored Wire/Gas combination

with trade name  
**DW-A55LSR / M21**

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 Y42MS(H5)</b>                    |
| <b>Current</b>           | <b>DC(+)</b>                          |
| <b>Approved diameter</b> | <b>1.2 mm</b>                         |
| <b>Positions</b>         | <b>All, except vertical downwards</b> |
| <b>Remarks</b>           | <b>Also for NV 2-4L and NV 4-4L</b>   |

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

Issued at **Hamburg** on **2026-01-15**

This Certificate is valid until **2030-12-31**.

DNV local unit: **Japan CMC**

Approval Engineer: **Christine Löll**

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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