



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAW000011R**  
Revision No:  
**3**

**This is to certify:**  
**that the Wire/Gas combination**

with trade name  
**MG-50D / C1**

Manufacturer  
**Kobe Steel Ltd., Fukuchiyama Plant**  
**Fukuchiyama, Kyoto Pref, 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>IV Y40MS</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm - 1.6 mm</b>
<b>Positions</b>	<b>1.2, 1.4 mm: All, except vertical downwards; 1.6 mm: Flat</b>
<b>Remarks</b>	<b>Also for fillet welding</b>

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

Issued at **Hamburg** on **2026-01-28**

This Certificate is valid until **2031-01-14**.

DNV local unit: **Japan CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV**



Digitally Signed By:  
**Martin Wenning**  
Location: **DNV Hamburg,**  
**Germany**

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

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