



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW00004D7
Revision No:
1

This is to certify:

that the **Wire/Iron Powder/Flux/Backing combination**

with trade name
US-36 (4x) / M-GRITS / PF-I55E / PF-I50R

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

Grade	III Y
Current	AC/DC(+)
Approved diameter	4.8 mm - 6.4 mm
Positions	Flat
Remarks	For one-side, one-run, multi-arc welding. Max. thickness 35 mm

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

Issued at **Hamburg** on **2024-09-23**

This Certificate is valid until **2029-07-02**.

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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