



Certificate No:
TAW00005A6

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
DW-A80L / 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

Grade	IV Y69MS (H5)
Current	DC (+)
Approved diameter	1,2 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding, Impact test at -60°C with minimum KV 47J

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

Issued at **Hamburg** on **2022-09-07**

This Certificate is valid until **2027-09-06**.

for **DNV**

DNV local station: **Kobe**

Approval Engineer: **Gabi Dau**

Thorsten Lohmann
Head of Section

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

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