Certificate No:
TAW00005DT

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
DW-A61LSR / M21

Manufacturer
Kobelco Welding of Europe B.V.
HEERLEN, **Netherlands**

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 Y50MS(H5)**
Current	**DC(+)**
Approved diameter	**1.2 mm**
Positions	**All, except vertical downwards**
Remarks	**As welded condition**
	Also for fillet welding

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

Issued at **Hamburg** on **2023-04-11**
This Certificate is valid until **2028-04-10**.
DNV local unit: **Netherlands VMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

Thorsten Lohmann
Head of Section

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