



Certificate no.:
TAW00005ZB

TYPE APPROVAL CERTIFICATE

This is to certify:

that the **Flux Cored Wire/Gas combination**

with trade name
DW-N609S / C1

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	-MS
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat, horizontal and vertical upwards
Remarks	For welding of NV 1.5Ni up to NV 9Ni Impact test at -196°C average > 34 Joule Also for fillet welding The min. yield strength of the weld metal 430 N/mm² The min. tensile strength of the weld metal 690 N/mm²

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

Issued at **Hamburg** on **2025-06-06**

This Certificate is valid until **2030-06-05**.

for **DNV**

DNV local unit: **Netherlands VMC**

Approval Engineer: **Dietmar Liebich**

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

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