



Certificate No:
TAW00005FJ

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
DW-N609SV / C1

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

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

Issued at **Hamburg** on **2023-06-07**

for **DNV**

This Certificate is valid until **2028-06-06**.

DNV local unit: **Japan FiS**

Approval Engineer: **Dietmar Liebich**

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Thorsten Lohmann
Head of Section

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

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