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**
This Certificate is valid until **2028-06-06**.
DNV local unit: **Japan FiS**

Approval Engineer: **Dietmar Liebich**

for **DNV**

Thorsten Lohmann
Head of Section

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