

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW000006F
Revision No:
4

This is to certify:

that the Electrode

with trade name
LB-52NS

Manufacturer

Kobe Steel Ltd. Saijo Plant
Higashi-hiroshima, Hiroshima, 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	5 Y40H10
Current	AC/DC(+)
Approved diameter	3.2 mm - 5.0 mm
Positions	All, except vertical downwards
Remarks	Also for NV 2-4(L) and NV 4-4(L)

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

Issued at **Hamburg** on **2026-07-15**

This Certificate is valid until **2029-06-24**.

DNV local unit: **Japan CMC**

Approval Engineer: **Christine Löll**

for **DNV**



Digitally Signed By:
Ludger Hachmöller
Location: **DNV Hamburg,**
Germany

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

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