

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW000006F
Revision No:
3

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 | 3.2mm - 6.0mm |
| 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 **2024-05-02**

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

DNV local unit: **Japan CMC**

Approval Engineer: **Dietmar Liebich**

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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