

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
TB-24

Manufacturer
Kobe Steel Ltd. Saijo Plant
Higashi-hiroshima Hiroshima, Japan

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	3
Current	AC, DC±
Approved diameter	2,6 - 5,0mm
Positions	All, except vertical-down
Remarks	---

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

This Certificate is valid until **2021-09-14**.

Issued at **Hamburg** on **2016-09-15**

DNV GL local station: **Hiroshima**

for **DNV GL**

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.