DNV·GL

Certificate No:
TAW000023V

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
LB-50A

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 YH10**
Current	**AC, DC+**
Approved diameter	**3,2 - 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**

for **DNV GL**

DNV GL local station: **Hiroshima**

Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.