

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Electrode**

with trade name
LB-52 NS

Manufacturer

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

is found to comply with
Det Norske Veritas' Rules for Classification PT.2

with this approval

Grade	5 Y40H10
Current	AC/DC(+)
Approved diameter	2.6mm - 6.0mm
Positions	All
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 GL.

This Certificate is valid until **2019-08-09**.

Issued at **Høvik** on **2015-08-10**

DNV GL local station: **Hiroshima**

Approval Engineer: **Mukesh Kumar**

for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section

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