

TYPE APPROVAL CERTIFICATE

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

with trade name
LB-52-18

Manufacturer

Thai Kobe Welding Co., Ltd.
SAMUTPRAKARN, Thailand

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

with this approval

Grade	3 YH10
Current	AC/DC(+)
Approved diameter	2.6 mm - 5.0 mm
Positions	All except vertical downwards
Remarks	-

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

This Certificate is valid until **2021-12-31**.

Issued at **Høvik** on **2017-01-01**

DNV GL local station: **Bangkok**

Approval Engineer: **Maxim Bobrov**

for **DNV GL**

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Hanne Anita Hjerpetjonn
Head of Section

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