



# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAW00002DU**  
Revision No:  
**1**

## This is to certify:

### That the Electrode

with trade name  
**LB-55U**

Manufacturer  
**THAI KOBELCO WELDING CO., LTD.**  
**SAMUTPRAKARN, Thailand**

is found to comply with  
**DNV GL rules for classification – Ships**  
**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

with this approval

<b>Grade</b>	<b>3 Y46H10</b>
<b>Current</b>	<b>AC/DC(+)</b>
<b>Approved diameter</b>	<b>2.6 mm - 4.0 mm</b>
<b>Positions</b>	<b>All, except vertical downwards</b>
<b>Remarks</b>	<b>Also for fillet welding. Min average impact energy (KV) 32 J at -40° C.</b>

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

Issued at **Hamburg** on **2021-07-01**

This Certificate is valid until **2026-06-30**.

DNV local station: **Bangkok**

Approval Engineer: **Christine Löll**



for **DNV**

Digitally Signed By: Dau, Gabi  
Location: DNV Hamburg, Germany  
Signing Date: 2021-07-06, on behalf of

**Thorsten Lohmann**  
**Head of Section**

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

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