

TYPE APPROVAL CERTIFICATE

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

with trade name
TRUSTARC™ LB-83E

Manufacturer

Kobe Steel, Ltd. Ibaraki Plant
Ibaraki, Osaka Pref, Japan

is found to comply with
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables

with this approval

Grade	4 Y69H5
Current	DC(+)
Approved diameter	3,2 mm - 5,0 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welds.

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

Issued at **Hamburg** on **2017-02-24**

This Certificate is valid until **2022-02-23**.

DNV GL local station: **Kobe**

for **DNV GL**

Approval Engineer: **Hans-Joachim Vogt**

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Thorsten Lohmann
Head of Section

