

# TYPE APPROVAL CERTIFICATE

## This is to certify:

### That the Electrode

with trade name  
**NC-39L**

Manufacturer

**Kobe Steel, Ltd. Ibaraki Plant**  
**Ibaraki, Osaka Pef, Japan**

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>VL 309L</b>
<b>Current</b>	<b>AC/DC(+)</b>
<b>Approved diameter</b>	<b>2.6 mm - 5.0 mm</b>
<b>Positions</b>	<b>All, except vertical downwards</b>
<b>Remarks</b>	<b>Test temp. -20°C</b>

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

Issued at **Hamburg** on **2020-11-12**

for **DNV GL**

This Certificate is valid until **2025-12-31**.

DNV GL local station: **Kobe**

Approval Engineer: **Ludger Hachmöller**

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

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

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