

# TYPE APPROVAL CERTIFICATE

## This is to certify:

### That the Electrode

with trade name  
**TS-316L**

Manufacturer

**Tien Tai Electrode(Kunshan) Co.Ltd.**  
**KUNSHAN, JIANGSU, China**

is found to comply with

**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**  
**DNV GL rules for classification – Ships**

with this approval

<b>Grade</b>	<b>VL 316L</b>
<b>Current</b>	<b>AC/DC(+)</b>
<b>Approved diameter</b>	<b>2.6mm - 5.0mm</b>
<b>Positions</b>	<b>All, except vertical downwards</b>
<b>Remarks</b>	

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

Issued at **Hamburg** on **2019-02-19**

for **DNV GL**

This Certificate is valid until **2023-12-31**.

DNV GL local station: **Shanghai**

Approval Engineer: **Dietmar Liebich**

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

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



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