

# TYPE APPROVAL CERTIFICATE

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

with trade name  
**GES-316LT**

Manufacturer

**Kunshan Gintune Welding Co.,Ltd**  
**Kunshan, China**

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 316 L</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. -196°C.<br/>Also for fillet welding</b> |

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

Issued at **Hamburg** on **2017-12-05**

This Certificate is valid until **2022-12-04**.

DNV GL local station: **Shanghai**

Approval Engineer: **Ludger Hachmöller**

for **DNV GL**

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

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



Form code: WELD 1421a

Revision: 2016-12

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