

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Gas combination**with trade name
TG-S316L / I1

Manufacturer

**Kobe Steel Ltd., Fukuchiyama Plant
Fukuchiyama, Kyoto Pref, Japan**

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

Grade	VL 316L
Current	DC(-)
Approved diameter	1,2 mm - 3,2 mm
Positions	All, except vertical downwards
Remarks	For austenitic grades: Impact test at -196°C average value > 34 Joule

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2018-09-06**This Certificate is valid until **2023-09-05**.DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Ludger Hachmöller**

**Thorsten Lohmann
Head of Section**

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

Form code: WELD 1421a

Revision: 2016-12

www.dnvgl.com

Page 1 of 1