

# TYPE APPROVAL CERTIFICATE

## This is to certify:

**That the Flux Cored Wire/Gas combination**

with trade name  
**DW-317L / M21**

Manufacturer  
**Kobelco Welding of Europe B.V.**  
**HEERLEN, Netherlands**

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

with this approval

<b>Grade</b>	<b>VL 317L</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm</b>
<b>Positions</b>	<b>Flat</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 **2019-10-28**

for **DNV GL**

This Certificate is valid until **2024-10-27**.  
DNV GL local station: **Netherlands FIS**

Approval Engineer: **Dietmar Liebich**

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

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

