

**TYPE APPROVAL CERTIFICATE****This is to certify:****That the Flux Cored Wire/Gas combination**with trade name  
**Cryo-Shield Ni9 / C1**Manufacturer  
**ESAB Seah Corp.**  
**Changwon-si, Gyeongsangnam-do, Republic of Korea**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>- MS</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm</b>
<b>Positions</b>	<b>All, except vertical downwards</b>
<b>Remarks</b>	<b>For welding of VL 1.5Ni up to VL 9Ni, Impact test at -196°C, 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 **2020-04-15**for **DNV GL**This Certificate is valid until **2025-04-14**.DNV GL local station: **Gimhae Station**Approval Engineer: **Hans-Joachim Vogt****Thorsten Lohmann**  
**Head of Section**

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

