

# TYPE APPROVAL CERTIFICATE

**This is to certify:**

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

with trade name  
**CSF-81K2 / C1**

Manufacturer  
**CHOSUN WELDING CO., LTD.**  
**ULSAN ULSAN, Republic of Korea**

is found to comply with  
**DNV GL rules for classification – Ships**

with this approval

<b>Grade</b>	<b>V Y40MS(H5)</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm - 1.6 mm</b>
<b>Positions</b>	<b>All, incl. vertical downwards</b>
<b>Remarks</b>	<b>Also for fillet welding</b>

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

This Certificate is valid until **2021-12-31**.

Issued at **Høvik** on **2017-01-01**

DNV GL local station: **Ulsan**

Approval Engineer: **Maxim Bobrov**

for **DNV GL**



Digitally Signed By: Gran, Terje  
Location: DNV GL, Høvik, Norway  
Signing Date: 27.10.2016, on behalf of

**Hanne Anita Hjerpetjønn**  
**Head of Section**

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