

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
CSF-309LP / C1Manufacturer
CHOSUN WELDING CO., LTD.
ULSAN, Republic of Koreais found to comply with
DNV GL rules for classification – Ships
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables

with this approval

Grade	VL 309L
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, incl. vertical downwards
Remarks	Also for fillet welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2019-01-25**This Certificate is valid until **2023-06-30**.DNV GL local station: **Ulsan**Approval Engineer: **Ludger Hachmöller**for **DNV GL**
Digitally Signed By: Wildhagen, Christian
Location: DNV GL Hamburg, Germany
Signing Date: 2019-01-28, on behalf of**Thorsten Lohmann**
Head of Section

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

