

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
CSF-308LP / C1

Manufacturer

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

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 308 L
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, including vertical downwards
Remarks	Impact test at -196°C

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-10-18**This Certificate is valid until **2022-06-30**.DNV GL local station: **Ulsan**Approval Engineer: **Dietmar Liebich**for **DNV GL**

Thorsten Lohmann
Head of Section

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