

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
CSF-308L / 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 | Flat |
| 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 **2017-10-18**

This Certificate is valid until **2022-06-30**.

DNV GL local station: **Ulsan**

Approval Engineer: **Dietmar Liebich**



for **DNV GL**

Digitally Signed By: Hachmoeller, Ludger
Location: DNV GL Hamburg, Germany
Signing Date: 2017-10-20 , on behalf of

Thorsten Lohmann
Head of Section

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



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