

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
CSF-9Ni / C1

Manufacturer

CHOSUN WELDING CO., LTD.
ULSAN, 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

Grade	- MS
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat, horizontal, vertical upwards
Remarks	For welding of VL 1.5Ni up to VL 9Ni, Impact test at -196°C, 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 **2018-12-07**This Certificate is valid until **2023-12-06**.DNV GL local station: **Ulsan**for **DNV GL**Approval Engineer: **Ludger Hachmöller**

Thorsten Lohmann
Head of Section

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

Form code: WELD 1421a

Revision: 2016-12

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