

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW00004KW
Revision No:
1

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
Cryo-Shield Ni9 / C1

Manufacturer
ESAB Seah Corp.
Changwon-si, Gyeongsangnam-do, Republic of Korea

is found to comply with
DNV rules for classification – Ships
DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade	- MS
Current	DC(+)
Approved diameter	1.2 mm
Positions	All, except vertical downwards
Remarks	For welding of NV 1.5Ni up to NV 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.

Issued at **Hamburg** on **2025-03-04**

This Certificate is valid until **2030-04-14**.

DNV local unit: **Busan, CMC Korea**

Approval Engineer: **Dietmar Liebich**

for **DNV**



Digitally Signed By:
Ludger Hachmöller
Location: **DNV Hamburg,**
Germany

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

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