

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW000061E
Revision No:
1

This is to certify:

that the Wire/Flux combination

with trade name

Alloy-Shield S-LNG // OK Flux 10.93

Manufacturer

ESAB Seah Corp.

Changwon-si, Gyeongsangnam-do, Korea, Republic of

is found to comply with

DNV rules for classification – Ships

DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade	*
Current	DC(+)
Approved diameter	1.6 mm - 2.4 mm
Positions	Flat and horizontal
Remarks	*) For multi-run welding of NV 9Ni Manufacturer guarantee for AWM: - TS min. 670 MPa - YS min. 420 MPa - CVN min. 27J at -196°C, Manufacturer guarantee for the butt welds: - TS min. 690 MPa. Flux: Only for lot numbers starting with PV

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2025-08-28**

This Certificate is valid until **2030-07-29**.

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

Approval Engineer: **Ludger Hachmöller**

for **DNV**



This document has been digitally signed and will
therefore not have handwritten signature

Martin Wenning

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

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