



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW00000MG
Revision No:
2

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name

Shield Bright 316L X-tra / C1

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	NV 316L
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	Flat
Remarks	

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

Issued at **Hamburg** on **2025-11-04**

This Certificate is valid until **2030-12-31**.

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

Approval Engineer: **Ludger Hachmöller**

for **DNV**



Digitally Signed By:
Martin Wenning
Location: DNV Hamburg,
Germany

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

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