Certificate no.:
TAW000063G

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
Cryo-Shield 308L / M21

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 308L**
Current	**DC(+)**
Approved diameter	**1.2 mm**
Positions	**All, incl. vertical downwards**
Remarks	**Shielding gas M21: 80% Ar + 20% CO_2**
	Manufacturer's guaranteed CVN at -196°C average value ≥ 34 Joule
	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 **2025-11-27**
This Certificate is valid until **2030-11-26**.
DNV local unit: **Busan, CMC Korea**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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