

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**

with trade name

Shield-Bright 309L X-Tra / C1

Manufacturer

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

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	VL 309L MS
Current	DC +
Approved diameter	1,2 - 1,6mm
Positions	All except vertical downwards
Remarks	---

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-12-20**.Issued at **Hamburg** on **2016-12-21**DNV GL local station: **Gimhae MC & FIS**Approval Engineer: **Dietmar Liebich**for **DNV GL**

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Thorsten Lohmann
Head of Section

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