Certificate No:
**TAW00004X7**

# TYPE APPROVAL CERTIFICATE

## This is to certify:

**That the Electrode**

with trade name
**EXATON 22.9.3.LB**

Manufacturer
**ESAB AB**
**Göteborg, Sweden**

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

with this approval

| | |
|---|---|
| **Grade** | * |
| **Current** | **DC(+)** |
| **Approved diameter** | **2.0 mm - 5.0 mm** |
| **Positions** | **All, except vertical downwards** |
| **Remarks** | ***) Dia. 5.0 mm for flat and horizontal fillet only**<br>**For welding of ferritic-austenitic stainless steel (Duplex) UNS S31803 (1.4462)**<br>**Impact energy min. 35J at - 30°C**<br>**Only for lot numbers starting with SB** |

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

Issued at **Hamburg** on **2021-05-17**
This Certificate is valid until **2026-05-16**.
DNV local station: **Sweden CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

**Thorsten Lohmann**
**Head of Section**

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