



Certificate no.:
TAW00005YA

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name

Exaton 19.12.3.L CRYO / M12

Manufacturer

ESAB AB

Göteborg, Sweden

is found to comply with

DNV rules for classification – Ships

DNV offshore standards

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

with this approval

Grade NV 316L

Current DC(+)

Approved diameter 1.0 mm - 1.2 mm

Positions All, except vertical downwards

Remarks For GMAW welding

Also for fillet welding

Impact energy min. 40J and lateral expansion min. 0.38 mm at -269°C

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 **2025-07-17**

This Certificate is valid until **2030-07-16**.

for **DNV**

DNV local unit: **Sweden CMC**

Approval Engineer: **Ludger Hachmöller**

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

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