DNV·GL

Certificate No:
TAW00004VV

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Gas combination

with trade name
CARBOFIL 1A / M13

Manufacturer
Lincoln Electric Europe B.V.
Nijmegen, Netherlands

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	**IV Y40MS**
Current	**DC(+)**
Approved diameter	**0.8 mm - 1.6 mm**
Positions	**All, except vertical downwards**
Remarks	**Wire: Only valid for lot numbers starting with C1**

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

Issued at **Hamburg** on **2021-02-26**
This Certificate is valid until **2026-02-25**.
DNV GL local station: **Netherlands CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV GL**

Thorsten Lohmann
Head of Section

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