



Certificate no.:
TAW0000617

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Metal Cored Wire/Gas combination

with trade name
Outershield MC710-H / M21

Manufacturer
Lincoln Electric Europe B.V.
Nuenen, Netherlands

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

with this approval

Grade	III YMS(H5)
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding Only valid for lot numbers starting with MPC5

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

Issued at **Hamburg** on **2025-07-21**

This Certificate is valid until **2030-07-20**.

for **DNV**

DNV local unit: **Shanghai**

Approval Engineer: **Ludger Hachmöller**

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