Certificate no.:
TAW00005Y1

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Flux combination

with trade name
Lincolnweld L-61® (EM12K) / Lincolnweld 860®

Manufacturer
LINCOLN ELECTRIC DO BRASIL INDUSTRIA E COMERCIO LTDA
GUARULHOS, SP, **Brazil**

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 YM**
Current	**DC(+)**
Approved diameter	**1.6 mm - 4.8 mm (1/16 in. - 3/16 in.)**
Positions	**Flat**
Remarks	**Wire: Lincoln Electric Company of Canada LP, Toronto, Ontario, Canada**

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

Issued at **Hamburg** on **2025-04-04**

for **DNV**

This Certificate is valid until **2030-04-03**.
DNV local unit: **Station Rio de Janeiro, NB/CMC/Approval**

Approval Engineer: **Ludger Hachmöller**

Digitally Signed By:
Thorsten Lohmann
Location: DNV Hamburg, Germany

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