

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
ARCWELD ALU 5183 / I1

Manufacturer

Lincoln Electric (Tangshan) Welding Materials Co.,Ltd.
Tangshan, Hebei Province, China

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	5183
Current	DC(+)
Approved diameter	1.0 mm - 1.6 mm
Positions	Flat: 1.6 mm
Remarks	All, incl. vertical downwards: 1.0 mm - 1.2 mm For MIG welding of aluminium alloys

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

Issued at **Hamburg** on **2025-05-05**

This Certificate is valid until **2030-05-04**.

DNV local unit: **Dalian NB & CMC**

Approval Engineer: **Dietmar Liebich**

for **DNV**



Digitally Signed By:
Ludger Hachmöller
Location: DNV Hamburg,
Germany

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

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