

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Flux combination

with trade name
JW®-3 / JF-N

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	III YM
Current	DC(+)
Approved diameter	1.6 mm - 4.8 mm
Positions	Flat
Remarks	

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

Issued at **Hamburg** on **2024-12-19**

This Certificate is valid until **2029-12-18**.

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

Approval Engineer: **Ludger Hachmöller**

for **DNV**



Digitally Signed By:
Martin Wenning
Location: **DNV Hamburg,**
Germany

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

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