Certificate no.:
TAW00005VR

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**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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