

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux combination

with trade name
JW®-1 / JF-B

Manufacturer

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

is found to comply with

DNV GL rules for classification – Ships

DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables

with this approval

Grade	IV YM(H5)
Current	DC(+)
Approved diameter	Flat: 1.6 mm - 4.8 mm
	Horizontal: 1.6 mm - 3.2 mm
Positions	Flat and Horizontal
Remarks	

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

Issued at **Hamburg** on **2021-09-29**

This Certificate is valid until **2026-09-28**.

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

for **DNV**

Approval Engineer: **Ludger Hachmöller**

Thorsten Lohmann
Head of Section

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

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