Certificate No: LR26164381WC
Issue Date: 16/04/2026
Expiry Date: 15/04/2027

CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

This certificate is issued to the company named below. The welding consumable or combination described has been tested in accordance with the requirements of Lloyd's Register for use in ship construction. This approval is subject to annual tests being carried out in accordance with the requirements of Lloyd's Register. The continued validity of this approval will be confirmed by appropriately dated Annual Reapproval Certificates issued to the company.

Company	**Tianjin Bridge Welding Materials Group Co., Ltd**
Address	No.35 Jingang Road, Xiqing Economic Development Zone, Tianjin, 300385, China
Type of welding consumable	Section 4 - Solid Wire/Flux
Trade name	THM-EH14/TH-SJ101Y
Welding Process	Submerged Arc Welding
Grade & Technique	4YM
Welding Positions	Downhand only.
Weld Type	Butt Welding Only.
Diameter (mm)	2.5 - 5.0
Current	DC(+)
Remarks	

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Jaspal Nirankari

Welding Team Leader to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

Consumable 2nd Grade

Type of welding consumable	Section 4 - Solid Wire/Flux
Trade name	THM-EH14/TH-SJ101Y
Welding Process	Submerged Arc Welding
Grade & Technique	4YT
Welding Positions	Downhand only.
Weld Type	Butt Welding Only.
Diameter (mm)	2.5 - 5.0
Current	DC(+)
Remarks	Application of two-run automatic welding is limited to plates of 30.00 mm maximum thickness.

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