Certificate No: LR26384575WC
Issue Date: 11/08/2026
Expiry Date: 31/08/2027

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	**Wuhan Tiangao Welding Group Co., Ltd.**
Address	No.2 Xuguang Road, Echeng District, Ezhou, 436043, China
Type of welding consumable	Section 7 - Solid Wire/Flux/Backing Material
Trade name	3xTGM-51/TGF-55E/TGF-B
Welding Process	Submerged Arc Welding
Grade & Technique	3YA
Welding Positions	Downhand only.
Weld Type	Butt Welding Only.
Diameter (mm)	4.8 - 6.4
Current	AC/DC(±)
Remarks	Application of high heat input automatic welding is limited to plates of 30.00 mm maximum thickness.

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Sufair Shaikh

Welding Team - Specialist 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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