Certificate No: LR26116088WC
Issue Date: 18/03/2026
Expiry Date: 17/03/2027

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 8 - Solid Wire/Gas Shield (GTAW)
Trade name	THT-2209/Ar
Welding Process	Gas Tungsten Arc Welding
Grade & Technique	S 31803 m
Welding Positions	Downhand, horizontal-vertical, vertical upward and overhead only.
Weld Type	Butt and Fillet Welding.
Diameter (mm)	1.6 - 3.2
Current	DC(-)
Remarks	Approved for chemical use only. Confirmed Critical Pitting Temperature of 20 °C.

Downloaded Copy

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.