Certificate No: LR25279194WC
Issue Date: 15/09/2025
Expiry Date: 14/09/2026

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	**Thai Tokuden Co., Ltd.**
Address	236/2, Macharoen Road, Nongkhangphlu, Nongkaem, Bangkok, 10160, Thailand
Type of welding consumable	Section 3 - Covered Electrodes
Trade name	Sumirod LF-52
Welding Process	Shielded Metal Arc Welding
Grade & Technique	3Ym
Welding Positions	Downhand, horizontal-vertical, vertical upward and overhead only.
Weld Type	Butt and Fillet Welding.
Diameter (mm)	2.6 - 5.0
Current	AC/DC(+)
Remarks	Approved low hydrogen consumable, conforming to standard H15.

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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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