



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	Tien Tai Electrode (Kunshan) Co., Ltd
Address	No. 189 Hua Yuan Road, Zhangpu Town, Kunshan, 215321, China
Type of welding consumable	Section 3 - Covered Electrodes (manual technique)
Trade name	TN-27L
Welding Process	Shielded Metal Arc Welding
Grade & Technique	5Y40m
Welding Positions	Downhand, horizontal-vertical, vertical upward and overhead only.
Weld Type	Butt and Fillet Welding.
Diameter (mm)	3.2 - 4.0
Current	DC(+)
Remarks	Approved low hydrogen consumable, conforming to standard H5.