



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 4 - 2 x Solid Wire/Flux
Trade name	2 x TSW-14HE/TF-650
Welding Process	Submerged Arc Welding
Grade & Technique	4Y40T
Welding Positions	Downhand only.
Weld Type	Butt Welding Only.
Diameter (mm)	2.4 - 5.0
Current	AC/DC(+)
Remarks	Approved low hydrogen consumable, conforming to standard H5. Application of two-run automatic welding is limited to plates of 20.00 mm maximum thickness. DC+ current for 1st wire and AC current for 2nd wire.