**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.

Name of Company: *ATLANTIC CHINA WELDING CONSUMABLES, INC., CHINA,
PEOPLE'S REPUBLIC OF*

Type of Welding Consumable: *Section 5 - Flux-Cored Wire/Gas Shield*

Trade Name: *CHT711/CO₂*

Welding Position: *Downhand, horizontal-vertical, vertical upward and downward, and
overhead.*

Joint Type: *Butt and Fillet Welding.*

Grade: *3Y, suitable for welding steel Grade(s) EH36, EH32, EH27S, E (and any
corresponding strength grade(s) of lower toughness), using semi-
automatic flux cored arc welding. (Approved also for automatic multirun
welding in the downhand position only.)*

Remarks: *Approved low hydrogen consumable, conforming to standard H10.
Approved for wires of 1.0 - 1.6 mm diameter only.*

Certificate 1 of 2.

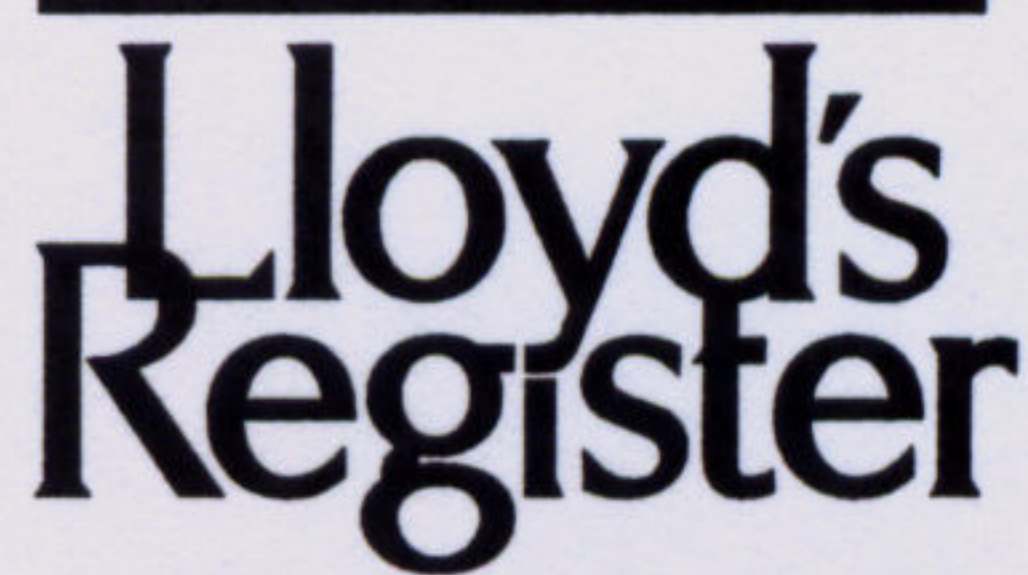
Date: *10 June 2010*

Valid until: *31 July 2011*

J S Nirankari

Surveyor to Lloyd's Register EMEA

On behalf of Lloyd's Register Group

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Name of Company: *ATLANTIC CHINA WELDING CONSUMABLES, INC., CHINA,
PEOPLE'S REPUBLIC OF*

Type of Welding Consumable: *Section 5 - Flux-Cored Wire/Gas Shield*

Trade Name: *CHT711/CO₂*

Welding Position: *Downhand only.*

Joint Type: *Butt and Fillet Welding.*

Grade: *3, suitable for welding steel Grade(s) E, EH27S (and any corresponding
strength grade(s) of lower toughness), using automatic multirun flux
cored arc welding.*

*3Y, suitable for welding steel Grade(s) EH36, EH32, EH27S, E (and any
corresponding strength grade(s) of lower toughness), using automatic
multirun flux cored arc welding.*

Remarks: *Approved low hydrogen consumable, conforming to standard H10.*

Certificate 2 of 2.

Date: *10 June 2010*

Valid until: *31 July 2011*

J S Nirankari

Surveyor to Lloyd's Register EMEA

On behalf of Lloyd's Register Group