



APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

제 조 법 승 인 증 서

Certificate No. : BRA04284-SP001 **Date of Approval** : 21st May, 1992.
Product : Steel Slabs
Manufacturer : Companhia Siderurgica De Tubarao-CST
Av. Brigadeiro Eduardo Gomes, 930 Jardim Limoeiro-Serra-ES-Brazil

Product Description : Steel Slabs for Rolled Steel Plates
- Grade : RA, RB, RD, RE, RA32, RD32, RE32, RA36, RD36, RE36
- Steel making : Basic Oxygen LD Converters
- Casting method : Continuous Casting
- Deoxidation : Fully killed and fine grain treated
- Grain refining elements : Al, Al+Nb, Al+Ti+Nb

Approval Condition : No product certificate required.

THIS IS TO CERTIFY that the manufacturing process for the above mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturer and Type Approved Equipment".

Pt. 2, Ch. 1, Sec. 1, Art 102 of the Rules for Classification, Steel Ships.

This Certificate is valid until 20th May, 2012.

Reissued at Daejeon, Korea on 7th November, 2005.

한국선급
KOREAN REGISTER OF SHIPPING

Mann-Eung Kim
General Manager of
Materials and Equipment Team

Note : 1 The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey.
2 Any significant changes of products and/or manufacturing process render this certificate invalid.