



## APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

**Certificate No.** : DLN16117-SP0011      **Initial Approval** : 27th November, 2002

**Product** : Rolled Steels

**Manufacturer** : Medium Plate Mill of Medium & Heavy Plate Plant of Angang Steel Co., Ltd.,  
Hongqi Road, Ling Shan, Li Shan District, An Shan, Liaoning, China

**Product Description** : Rolled Steel Plates for Hull Structure

- Grade : A, B, D  
AH32, AH36  
DH32, DH36
- Steel Making : LD Converter
- Casting Process : Continuous Casting
- Thickness : 5 - 40 mm

\* See "Appendix 1"

**Approval Condition** : Individual Product Certification is 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, Art. 301 of the Rules for Classification of Steel Ships.

This Certificate is valid until 26th November, 2017.

Issued at Shanghai, China on 30th January, 2013.



KOREAN REGISTER OF SHIPPING

President of  
CHINA KR Co., Ltd.

*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 the renewal of the Certificate is not underway.*

*2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.*

## Appendix 1

# Product Description and/or Approval Condition

Certificate No : DLN16117-SP001

Date of Issue : 30th January, 2013.

© Product Description:

Grade (1)	Thickness	Deoxidation	Condition of Supply	Grain Refining Elements
A, B		Killed	As Rolled	-
D	5 ~ 40 mm	Fully Killed & Fine Grained	Controlled Rolling	Al
AH32/36 DH32/36				Al+V+Nb

\*Remark

- Slabs are supplied from No.1, No.2 and No.3 Steelmaking Plants.

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