



APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

Certificate No. : CWN24432-SP001 **Initial Approval** : 27th April, 2009
Product : Rolled Steels
Manufacturer : Fine Besteel Co., Ltd.
259-33, Changmil-ro, Changnyeong-eup, Changnyeong-gun, Gyeongsangnam-do
, Korea
Product Description: Rolled Steel Sections and Flat Bars for Hull
Rolled Steel Sections for Low Temperature Service
- Grade : A, B, D, E
AH32, DH32, EH32, FH32
AH36, DH36, EH36, FH36
RL235A, RL235B
RL325A, RL325B
RL360
- Supply condition : See "Appendix 1"

Approval Condition: 1. Raw Materials are to be supplied by the approved manufacturers of this Society or to be satisfactory to the Surveyor.
2. 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, Sec.3, Art 301 & 304 of the Rules for Classification of Steel Ships.

This Certificate is valid until 26th April, 2024
Issued at Changwon, Korea on 2nd April, 2019



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No(ME19007773175) and certificate No.(CWN24432-SP001).



KOREAN REGISTER OF SHIPPING

General Manager of
Changwon Branch Office

*Note : 1. This certificate will be valid subject to complying with the approval conditions described on the certificate and or on the Rules of this Society.
2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer
3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.*

Appendix 2

Product Description and/or Approval Condition

Certificate No : CWN24432-SP001

Date of Issue :2nd April, 2019

© Product Description
- Sections

Grade	Z-quality	Grain Refining	Thickness Max. (mm)	Supply Condition
A	-	-	18	AR
B, D, E	-	Al, Al+Nb	18	AR
AH32, AH36	-	Al, Al+Nb	18	AR
DH32, EH32, FH32 DH36, EH36, FH36	-	Al+Nb+V+Ti	18	TMCP
RL235A, RL235B RL325A, RL325B RL360	-	Al+Nb+V+Ti	18	TMCP

- Flat bars

Grade	Z-quality	Grain Refining	Thickness Max. (mm)	Supply Condition
A	-	-	30	AR
B, D, E	-	Al, Al+Nb	30	AR
AH32, AH36	-	Al, Al+Nb	30	AR

< End of Page >