



## APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

**Certificate No.** : DLN24016-SF001 **Initial Approval** : 15th April, 2009.  
**Product** : Steel Forgings  
**Manufacturer** : Dongbei Special Steel Group, Fushun Special Steel Co., Ltd.  
No.8 Anshan Road, East Segment, Fushun City, Liaoning Province, China

**Product Description** : Carbon and Low Alloy Steel Forged Bars  
- Grade : RSFB & RSFB-A or equivalent grade  
- Steel making : Electric arc furnace  
- Casting process : Ingot casting  
- Forging process : Free forging  
- Forging weight : Max. 22,000 kg  
- Main products : Forgings for crankshaft etc.

**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, Sec. 6, Art. 601 of the Rules for Classification, Steel Ships.

This Certificate is valid until 14th April, 2019.  
Issued at Shanghai, China on 19th January, 2015.



**KOREAN REGISTER OF SHIPPING**

*[Handwritten Signature]*

General Manager of  
Technical Support Team  
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.*