



APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

Certificate No. : HMB06208-SF001

Initial Approval : 20th September, 2016

Product : Steel Forgings

Manufacturer : Karl Diederichs KG

Luckhauser Strasse 1-5, D-42899 Remscheid, Germany

Product Description: Carbon and Low Alloy Steel Forgings

- Grade : RSF, RSF-A or equivalent grade
- Forging process : Open-die forging, ring rolling
- Mass of forgings : Max. 35 000 kg
- Diameter : Max. 3 500 mm for ring rolling
Max. 1 000 mm for forged bars
- Main products : Shafts, rolled rings, forged bars, etc.

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

This Certificate is valid until 19th September, 2021

Issued at Busan, Korea on 20th September, 2016



KOREAN REGISTER OF SHIPPING

[Signature]
General Manager of
Marine & Ocean 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 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.