

# Approval Certificate for Manufacturing Process

[ Steel Forgings ]



**Initial Approval** 15th February, 2016  
**Manufacturer** Gustav Grimm Edelstahlwerk GmbH & Co. KG  
 Ronsdorfer Str. 172-174, 42855 Remscheid, Germany

**Product Description** Steel Forgings

- Type : Austenitic stainless (e.g. 1.3964; 1.4404)  
 Martensitic stainless (e.g. 1.4021; 1.4057; 1.4418)  
 22Cr duplex stainless (e.g. 1.4462)
- Forging process : Open die forging
- Forging weight : Max. 10 000 kg

**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.

Pt. 2, Ch. 1, Sec. 6, Art. 602 of the Rules for Classification of Steel Ships and EN 10088-3.

This Certificate is valid until 14th February, 2026

Issued at Busan, Korea on 29th April, 2021



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(ME21011768111) and certificate No.(HMB35267-SF001).



**KOREAN REGISTER**

**General Manager of  
Marine & Ocean Equipment Team**

**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.