

# Approval Certificate for Manufacturing Process

[ Semi-Finished Products ]



**Initial Approval** : 8 October 2024  
**Manufacturer** : Georgsmarienhuetten GmbH  
 Neue Huetttenstraße 1, 49124 Georgsmarienhuetten, Germany

**Product Description** : Semi-Finished Products

- Product form : Ingots, billets, rolled bars
- Type : Carbon steel  
Alloy steel
- Steel making : Electric arc furnace
- Casting method : Ingot casting, continuous casting
- Mass : Max. 44 000 kg for ingots
- Dimension : Max. 245 mm x 245 mm for billets
- Diameter : Max. 125 mm for rolled bars

**Approval Condition** : Individual Product Certification is not 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, Art. 101, 102 and 601 of the Rules for Classification of Steel Ships.

This Certificate is valid until 7 October 2029

Issued at Busan, Korea on 8 October 2024



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(ME24047364916) and certificate No.(HMB50787-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.