Certificate No : SAO36489-SC001

Approval Certificate for Manufacturing Process

[Semi-Finished Products]

Initial Approval 22 March 2017

Manufacturer ArcelorMittal Pecem

CE 155 11.5 km, Sao Goncalo do Amarante, Ceara, Brazil

Product Description Semi-Finished Products for Hull Structural Steels

- Type : Slabs
- Grade : A, B, D, E
  AH32, DH32, EH32
  AH36, DH36, EH36
  AH40, DH40, EH40
- Steelmaking : Basic oxygen converter
- Casting method : Continuous casting
- Thickness range : 220 - 300 mm

Approval Condition

1. Individual Product Certification is not required.
2. Individual users of the semi-finished products are to be approved for the manufacturing process of the specific grade of rolled steel products using those semi-finished products.

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. 301 of the Rules for Classification of Steel Ships

This Certificate is valid until 21 March 2027

Reissued at Busan, Korea on 26 April 2023

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(ME23017971220) and certificate No.(SAO36489-SC001).

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.