



APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

Certificate No. : HMB32582-SC001

Initial Approval : 30th April, 2014.

Product : Iron Castings

Manufacturer : Pleissner GmbH

Gerberstraße 27, 31008 Elze, Germany

Product Description : Grey and Spheroidal or Nodular Graphite Iron Castings

- Grade : EN-GJL- & EN-GJS- acc. to EN 1561 & 1563
or equivalent grade
- Melting furnace : Electric Induction Furnace
- Casting process : Sand casting
- Mass of castings : Max. 7,000 kg
- Main Products : Cylinder blocks, etc.

Approval Condition : Individual Product Certification is required unless otherwise specifically exempted.

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, Art. 506 & 507 of the Rules for Classification of Steel Ships.

This Certificate is valid until 29th April, 2019.

Issued at Busan, Korea on 30th April, 2014.



KOREAN REGISTER OF SHIPPING

*General Manager of
Equipment and BWMS 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.