



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS  
No. FAB078317XG**

**This is to certify** that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	<b>Carbon, Carbon-manganese and low alloy steel Ingots</b>
<i>Type</i>	<b>Semifinished products, Ingot castings, Continuous casting</b>
<i>Applicant</i>	<b>Georgsmarienhütte GmbH Neue Hüttenstr. 1 D-49124 Georgsmarienhütte GERMANY</b>
<i>Manufacturer</i>	<b>Georgsmarienhütte GmbH</b>
<i>Place of manufacture</i>	<b>Neue Hüttenstr. 1 D-49124 Georgsmarienhütte GERMANY</b>
<i>Reference standards</i>	<b>RINA Rules for the approval of manufacturers of materials</b>

Issued in **HAMBURG** on **April 10, 2017**. This Certificate is valid until **March 20, 2022**

RINA Services S.p.A.  
Pavlos Safralis



This certificate consists of this page and 1 enclosure



**FAB078317XG**

**Enclosure**

Conditions of approval

-This approval is granted on condition that the manufactured materials are in compliance with recognized national and international standards and the applicable RINA Rules in all respects.

- RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

- The Manufacturer is to keep up-to-date records covering the manufacture, quality control and tests of the products; the records are to permit the identification of the various productions, heat treatments and test and examination results. The RINA Surveyor is to have ready access to these records at all times.

- RINA reserves the right to request for additional tests and verifications if deemed necessary by the intended application.

