



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS  
No. FAB010418MI**

**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>Steel forgings</b>  |
| <i>Type</i>                 | <b>Carbon, Carbon.manganese steel, Alloyed steel , Stainless steel</b> |
| <i>Manufacturer</i>         | <b>FRANCHINI ACCIAI SPA</b>  |
| <i>Place of manufacture</i> | <b>VIA IV NOVEMBRE 9/17<br/>25030 Mairano (BS)<br/>ITALY</b>           |
| <i>Reference standards</i>  | <b>RINA Rules for the approval of manufacturers of materials</b>       |

*Issued in Milano on October 26, 2018. This Certificate is valid until February 26, 2023*

RINA Services S.p.A.



This certificate consists of this page and 1 enclosure



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**Carbon, Carbon.manganese steel, alloyed steel , stainless steels**

**APPROVAL CONDITIONS**

**Steel types :** - Carbon, Carbon.manganese steels max weight 80.000 kg  
- Alloyed steels max weight 50.000 kg  
- Stainless steels max weight 35.000 kg

**Hest Treatment :** full annealing, normalizing, normalizing and tempering, quenching and tempering

**Survey Condition :** all forgings to be used for construction of ship classified with RINA shall meet the requirements of the RINA Rules and shall be tested accordingly.

**General conditions for the approval**

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with 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.

**Milano October 26, 2018**