

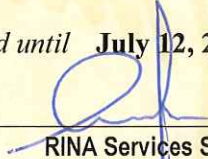


**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS**  
No. FAB064816MI

**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>Steel Forgings max weight 60.000 kgs Steel Rolled rings max weight 30.000 kgs</b>
<i>Manufacturer</i>	<b>FORGIATURA MODERNA ARESE SPA</b>
<i>Place of manufacture</i>	<b>VIA DELLE INDUSTRIE, 17 20020 ARESE (MI) ITALY</b>
<i>Reference standards</i>	<b>RINA Rules for the approval of manufacturers of materials</b>

Issued in **MILANO** on **August 31, 2016**. This Certificate is valid until **July 12, 2021**

  
RINA Services S.p.A.  
**Edoardo Giribaldi**

This certificate consists of this page and 1 enclosure



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Steel Forgings max weight 60.000 kgs  
Steel Rolled rings max weight 30.000 kgs

**APPROVAL CONDITIONS**

**Steel Types:** Carbon, Carbon-Manganese, Alloyed and Stainless Steels.

**Forged Types:** Open Die Forgings, Rolled Forgings.

**Heat Treatment:** Annealing, Normalizing, quanching and Tempering, Solution Annealing.

**Delivery Condition:** Rough, Sandblasted, Rough of Finally Machined.

**Survey Conditions:** all forgings to be used for construction of ships classed with RINA shall meet the requirements of the RINA Rules and shall be tested accordingly.



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**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 August 31, 2016**