



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS**  
No. **FAB040020TS**

**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>FORGED CARBON-MANGANESE AND ALLOY STEEL FORGINGS (MAX. WEIGHT UP TO 44 TONS)</b>
<i>Manufacturer</i>	<b>OFAR SPA - OFAR S.P.A.</b>
<i>Place of manufacture</i>	<b>VIA DELL'ARTIGIANATO, 57 33043 Cividale Del Friuli (UD) ITALY</b>
<i>Reference standards</i>	<b>RINA Rules for the approval of manufacturers of materials</b>

Issued in **trieste** on **April 1, 2020**. This Certificate is valid until **July 1, 2020**



RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS**

No. FAB040020TS

Enclosure - Page 1 of 1

Carbon

**APPROVAL CONDITIONS**

1. Raw materials as ingots, blooms, billets, etc. to be supplied by approved Manufacturers;
2. Forgings can be supplied as per following heat treatments:
  - Annealing;
  - Normalizing;
  - Normalizing and tempering;
  - Quenching and tempering;
3. Forgings can be supplied in the following conditions:
  - Rough,
  - Rough sand blasted,
  - Rough machined
4. 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.

**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.

**trieste August 1, 2019**

