



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB100120TS/001

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>	Steel forgings
<i>Type</i>	Carbon, Carbon - Manganese and Alloyed Steel Forgings (MAX. WEIGHT UP TO 44 TONS)
<i>Applicant</i>	OFAR SPA - OFAR S.P.A. VIA DELL'ARTIGIANATO, 57 33043 Cividale Del Friuli (UD) ITALY
<i>Manufacturer</i>	OFAR SPA - OFAR S.P.A.
<i>Place of manufacture</i>	Via Dell'artigianato, 57 33043 Cividale Del Friuli (UD) Italy
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Trieste Marine** on **December 3, 2020**. This Certificate is valid until **July 1, 2025**



RINA Services S.p.A.
Daniele Chirulli

This certificate consists of this page and 1 enclosure



FAB100120TS/001
APPROVAL CONDITIONS

1. Raw materials as ingots, blooms, billet, etc to be supplied by approved Manufacturers
2. Forging can be supplied as per following heat treatments:
 - Annealing
 - Normalizing
 - Normalizing and tempering;
 - Quencing 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 approval

- The approval is granted on condition that RINA Rulas 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 thi certificate