

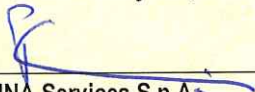


**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB015020MI**

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>	Max weight 80000 kgs
<i>Manufacturer</i>	FORGIATURA A. VIENNA SRL
<i>Place of manufacture</i>	VIA OSPIATE 46/48 20017 Rho (MI) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **Milano** on **February 24, 2020**. This Certificate is valid until **February 24, 2025**


RINA Services S.p.A.
Paolo Chiappini

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB015020MI

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Max weight 80000 kgs

APPROVAL CONDITIONS

Production site:

Cella Dati (Cremona, Italy): Vertical Turning and Milling; Heat Treatment.

Product Making Process:

Press Forging - Ring Rolling

Steel Types:

Carbon, Carbon-Manganese, Austenitic and Duplex Stainless Steel.

Heat Treatment Conditions:

Annealing - Normalizing - Normalizing and Tempering - Quenching and Tempering - Stress Relieving - Solution Annealing.

Survey Conditions:

Forgings intended for construction of RINA classed ships according to the RINA Rules requirements.



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 February 24, 2020

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