



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB011923MI/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 - Max Weight 8000 Kgs
<i>Type</i>	Carbon, Carbon-Manganese Steels
<i>Manufacturer</i>	FORGIATURA MARCORA SRL
<i>Place of manufacture</i>	VIA GRAMSCI, 36 21057 Olgiate Olona (VA) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **Milano** on **February 24, 2023**. *This Certificate is valid until* **February 18, 2028**

RINA Services S.p.A.
Daniele Mangini

This certificate consists of this page and 1 enclosure

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB011923MI/001

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Carbon, Carbon-Manganese Steels

APPROVAL CONDITIONS

Heat Treatment: Full annealing; Normalizing; Normalizing and Tempering; Quenching and Tempering.

Survey Condition:

all forgings to be used for construction of ship 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.

Milano February 24, 2023



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB011923MI/002**

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>	Alloy Steel Forgings - Max Weight 1100 Kgs
<i>Type</i>	Alloy Steel
<i>Manufacturer</i>	FORGIATURA MARCORA SRL
<i>Place of manufacture</i>	VIA GRAMSCI, 36 21057 Olgiate Olona (VA) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

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CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB011923MI/002

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Alloy Steel

APPROVAL CONDITIONS

Heat Treatment: Full Annealing; Normalizing; Normalizing and Tempering; Quenching and Tempering.

Survey Condition:

all forgings to be used for construction of ship 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.

Milano February 24, 2023



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB011923MI/003**

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>	Stainless Steel (austenitic and ferritic-austenitic)
<i>Manufacturer</i>	FORGIATURA MARCORA SRL
<i>Place of manufacture</i>	VIA GRAMSCI, 36 21057 Olgiate Olona (VA) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **Genoa** on **February 24, 2023**. *This Certificate is valid until* **February 18, 2028**

RINA Services S.p.A.
Daniele Mangini

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CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS
No. FAB011923MI/003
Enclosure - Page 1 of 1
Alloy, Low Alloy & Stainless Steel (austenitic and ferritic-austenitic)

APPROVAL CONDITIONS

Austenitic Stainless Steels: max 3200 kgs

Austenitic-Ferritic Stainless Steels: max 1000 kgs

Heat Treatments: as applicable

Survey Condition:

all forgings to be used for construction of ship 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.

Genoa February 24, 2023