



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**

No. FAB027318MI/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 kg
<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 **April 18, 2018**. *This Certificate is valid until* **March 31, 2023**

RINA Services S.p.A.
Paolo Chiappini

This certificate consists of this page and 1 enclosure



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No. FAB027318MI/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 April 18, 2018



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB027318MI/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 kg
<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. FAB027318MI/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 April 18, 2018