



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB055618MI**

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.

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| <i>Description</i> | Steel forgings |
| <i>Type</i> | Steel forgings max weight 30000 kg |
| <i>Manufacturer</i> | METALCAM SPA |
| <i>Place of manufacture</i> | VIA LEONARDO DA VINCI 3 25043 BRENO (BS) ITALY |
| <i>Reference standards</i> | RINA Rules for the approval of manufacturers of materials |

Issued in **MILANO** on **June 29, 2018**. This Certificate is valid until **February 25, 2023**



RINA Services S.p.A.
Paolo Chiappini

This certificate consists of this page and 1 enclosure



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Enclosure - Page 1 of 1
Steel forgings max weight 30000 kg

APPROVAL CONDITIONS

Steel types: carbon, carbon-manganese steels, alloy steels.

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 29/06/2018