



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB100617MI**

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 1000 kgs
<i>Type</i>	Alloy Steel Forged/pressed componets
<i>Manufacturer</i>	RIGANTI S.P.A.
<i>Place of manufacture</i>	VIA VITTORIO VENETO, 1 21048 Solbiate Arno (VA) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **Milano** on **April 23, 2018**. This Certificate is valid until **April 18, 2023**

RINA Services S.p.A.
Paolo Chiappini



This certificate consists of this page and 1 enclosure



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Alloy Steel Forged/pressed componets

APPROVAL CONDITIONS

Forging Process: Press Forging Followed by Hammering Shaping.

Heat Treatment: Normalizing, Water and Polymer, Quenching and Tempering, Stress Relieving.

Delivery Conditions: Rough or Final Machining when requested

Survey Conditions:

al 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 23, 2018

