



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB074715MI**

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 castings
<i>Type</i>	Steel Castings max weight 12000 kg
<i>Manufacturer</i>	FRATELLI GANDOSI ACCIAIERIE ELETTRICHE S.P.A.
<i>Place of manufacture</i>	VIA ROMA, 23 24027 NEMBRO (BG) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **MILANO** on **October 5, 2015**. This Certificate is valid until **September 22, 2020**


RINA Services S.p.A.
Edoardo Giribaldi

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. **FAB074715MI**

Enclosure - Page 1 of 1

Steel Castings max weight 12000 kg

APPROVAL CONDITIONS

Steel making process: electric furnace.

Steel types: carbon, carbon-manganese steels.

Heat Treatment: annealing, normalizing, normalizing and tempering, quenching and tempering.

Survey conditione:

all castings to be used for construction of ships classed with RINA are to be in compliance with the requirements of the RINA Rules and are to 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 October 5, 2015



AV