



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB049318MI**

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- Weight max 10 t
<i>Type</i>	Carbon, Carbon Manganese, Low Alloy and Alloy Steel
<i>Manufacturer</i>	SESA FUCINE SRL
<i>Place of manufacture</i>	STRADA BASSE DI STURA, 61 10154 Torino (TO) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **Milano** on **June 15, 2018**. This Certificate is valid until **June 6, 2023**

RINA Services S.p.A.
Paolo Chiappini

This certificate consists of this page and 1 enclosure



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Carbon, Carbon Manganese, Low Alloy and Alloy Steel

APPROVAL CONDITIONS

Product Making Process: Open Dieforging - Ring Rolling

Heat Treatment Conditions: Normalizing - Quenching and Tempering - Stress Relieving

Survey Condition:

Miscellaneous forgings intended for marine/industrial service in accordance with RINA Rules and /or recognized stadards;

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 June 15, 2018

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