CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS
No. **FAB005115MI**

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.

Description	**Carbon, Carbon - Manganese and Alloyed Steel Forgings**
Type	**Weight 0,5 to 350 kgs**
	intended to engine components for marine service
Manufacturer	**A.C.S.A. STEEL FORGINGS SPA**
Place of manufacture	**VIA PER SOLBIATE, 43**
	21040 OGGIONA CON SANTO STEFANO (VA)
	ITALY
Reference standards	**RINA Rules for the approval of manufacturers of materials**

Issued in **MILANO** on **February 3, 2015**. *This Certificate is valid until* **January 24, 2020**

RINA Services S.p.A.
Edoardo Giribaldi

This certificate consists of this page and 1 enclosure

RINA Services S.p.A.
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Tel +39 010 53851
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No. **FAB005115MI**
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Weight 0,5 to 350 kgs

APPROVAL CONDITIONS

Steel Type: Carbon - C/Mn - Alloy Steel

Production Marking Process: Hot Dye Forging

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

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 February 3, 2015

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