

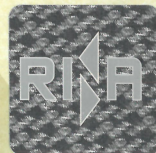


**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB205524PU

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
<i>Type</i>	Steel forgings for machinery including semi-built crankshafts
<i>Manufacturer</i>	SEAH BESTEEL CORPORATION - GUNSAN PLANT
<i>Place of manufacture</i>	522, Oehang-ro, 54007 Gunsan-Si (Jeollabuk-do) REPUBLIC OF KOREA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **BUSAN** on **November 29, 2024**. *This Certificate is valid until* **December 20, 2029**



Il Su Baek
RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB205524PU

Enclosure - Page 1 of 1

**Steel forgings for machinery including semi-built
crankshafts**

APPROVAL CONDITIONS

Steel types: carbon, carbon - manganese, low alloy

Manufacturing process of steel : ingot casting

Forging process : open die forging.

Products max. weight : 110,000 kg

Condition of supply : normalizing, normalizing and tempering, quenching and tempering

Survey conditions: all forgings to be used for construction of ships 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.

BUSAN 29-11-2024



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