

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS No. FAB031821PU

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 Rolled steel bars

Type Rolled low alloy and austenite stainless steel bars- max. dia.

215mm

Manufacturer SEAH CHANGWON INTEGRATED SPECIAL STEEL

Place of manufacture CORPORATION

147 JEOKHYEON-RO (SHINCHON-DONG), SEONGSAN-GU

51708 CHANGWON REPUBLIC OF KOREA

Reference standards RINA Rules for the approval of manufacturers of materials

Issued in BUSAN on April 12, 2021. This Certificate is valid until

April 24, 2026

RINA Services S.p.A.

Dong-Hun Lee

This certificate consists of this page and 1 enclosure



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Rolled low alloy and austenite stainless steel bars- max. dia. 215mm

APPROVAL CONDITIONS

Steel types: low alloy and austenite stainless

Manufacturing process of steel: ingot / bloom casting

Heat treatment: quenching and tempering, solution treatment

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 April 12, 2021

