CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. **FAB088526PU**

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	**Steel forgings**
Type	**Steel forgings for machinery - max. weight 120000 kg**
Manufacturer	**SEAH CHANGWON INTEGRATED SPECIAL STEEL CORPORATION**
Place of manufacture	**147 Jeokhyeon-ro, Seongsan-gu 51708 Changwon-si (Gyeongsangnam-do) REPUBLIC OF KOREA**
Reference standards	**RINA Rules for the approval of manufacturers of materials**

Issued in **BUSAN** on **April 15, 2026**. *This Certificate is valid until* **April 24, 2031**

Sangho Lee

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS
No. **FAB088526PU**
Enclosure - Page 1 of 1
Steel forgings for machinery - max. weight 120000 kg

APPROVAL CONDITIONS

Steel types: carbon, carbon-manganese.

Steel making process : ingot casting.

Forging process: open die forging.

Heat treatment: normalizing and tempering by manufacturer

Survey conditions: all forgings to be used for construction of ships and machinery 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 15, 2026

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000