



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS**

**No. FAB399123WS/001**

**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>	<b>Steel forgings</b>
<i>Type</i>	<b>Carbon, carbon-manganese, alloy steel</b>
<i>Manufacturer</i>	<b>Jinlei Technology Co., Ltd.</b>
<i>Place of manufacture</i>	<b>No.18, Shuangyuan Street, Gangcheng District Jinan (Shandong) CHINA</b>
<i>Reference standards</i>	<b>RINA Rules for the approval of manufacturers of materials</b>

*Issued in* **RINA China Marine** on **April 17, 2024**. *This Certificate is valid until* **April 16, 2029**



**Yongjun Pan**

**RINA Services S.p.A.**

This certificate consists of this page and 1 enclosure

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**Carbon, carbon-manganese, low-alloy steel**

**APPROVAL CONDITIONS:**

- **Manufacturing process:** the products are forged from Ingots produced by approved manufacturers.
- **Type, max. weight and deliver condition:**

Steel type	Max. weight (T)	Heat Treatment
Carbon; Carbon-manganese steel	70	Normalizing, Normalizing + Tempering, or Quenching + Tempering
Alloy steel	70	Quenching + Tempering

**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.

**RINA China Marine 04/17/2024**