



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**

No. FAB643124WS/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>	Normal strength and higher strength hull steel plates
<i>Type</i>	A-B-D-AH32-DH32-AH36-DH36
<i>Manufacturer</i>	Hebei Jingye Heavy Plate Technology Co., Ltd.
<i>Place of manufacture</i>	Nandian Town, Pingshan County Shijiazhuang (Hebei) CHINA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA China Marine** on **February 22, 2025.** *This Certificate is valid until* **February 21, 2030**



Hong Gu

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

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A-B-D-AH32-DH32-AH36-DH36

APPROVAL CONDITIONS

Steel making : BOF Basic Oxygen Furnace;

Casting process: CC Continuous Casting;

Approval particulars:

Grades	Fine grain elements	Delivery condition	Max. thickness (mm)	Z-quality
A, B, D	Al	CR	30	---
AH32, AH36, DH32, DH36	Al+Nb+Ti	CR	30	--

Remarks:

CR: Controlled Rolled;

Survey conditions: The plates are to be in compliance in all respects with the relevant RINA rules and are to 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 February 22,
2025