

Approval No. ST203RO

Certificate No. TA25146E

APPROVAL OF MANUFACTURING PROCESS
OF
ROLLED STEELS

This is to certify that

Hebei Jingye Heavy Plate Technology Co., Ltd.

Nandian Town, Pingshan County, Hebei Province, China

has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 1, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

The details of the relevant approval conditions are given in the PARTICULARS OF APPROVAL listed in the reverse of this certificate.

The products for the ships classed with the Society are to be manufactured, tested and inspected in compliance with the Rules.

This Certificate is valid from 13 February 2025 until 12 February 2030.

Issued at Tokyo on 13 February 2025.


M. IRISAWA

General Manager

Material and Equipment Dept.



No. : 25EW0320ROL
Date : 13 February 2025

Hebei Jingye Heavy Plate Technology Co., Ltd.

Approval of Manufacturing Process of Rolled Steels

Dear Sirs,

This is to inform that the captioned manufacturing process has been approved.

We appreciate the opportunity to work with your company.

Yours faithfully,

M. IRISAWA
General Manager
Material and Equipment Department

Encl.:

- Certificate of approval (TA25146E)
- Particulars of Approval (TA25147E)
- Invoice

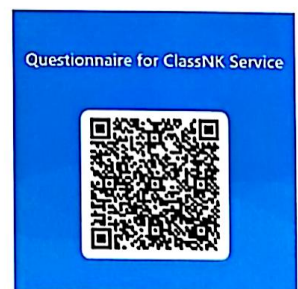
Cc: NK Tianjin Office

※ Questionnaire for ClassNK Service

In order to improve the quality of services by our department, we would like to know how you rate our service at this time and what your opinions about our service are.

Please take a few minutes to answer the questionnaires from next QR code or URL.

<https://forms.office.com/r/GSuVSRfqvG>





No. : TA25147E

Date : 13 February 2025

PARTICULAR OF APPROVAL

Approval Conditions for Manufacturing Process of Rolled Steels for Hull

- | | |
|----------------------------|---|
| 1. Manufacturer | : Hebei Jingye Heavy Plate Technology Co., Ltd. |
| 2. Kind of Product | : Plates |
| 3. Grade | : KA, KB, KD, KA32, KD32, KA36 and KD36 |
| 4. Deoxidation Practice | : See Table |
| 5. Grain Refining Elements | : See Table |
| 6. Max. Thickness | : See Table |
| 7. Condition of Supply | : See Table |
| 8. Steel Making Process | : Basic oxygen furnace |
| 9. Casting Process | : Continuous Casting |

(to be cont.)

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Table Part of Approval Conditions

Grade	Deoxidation Practice	Grain Refining Elements	Max. Thickness (mm)	Condition of Supply
KA KB KD	Fine-grained Killed	Al	30	CR
KA32 KA36 KD32 KD36		Al-Nb	30	CR



M. IRISAWA
 General Manager
 Material and Equipment Department