

Approval No. ST203RO

Certificate No. TA2612E

***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 21 January 2026 until 12 February 2030.

Issued at Tokyo on 21 January 2026.



M. IRISAWA

General Manager

Material and Equipment Dept.

List of PARTICULARS OF APPROVAL

	Ref. No.	MATERIALS
1.	TA2613E	Rolled Steels for Hull

No. : TA2613E

Date : 21 January 2026

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.)

No. : TA2613E

Date : 21 January 2026

Table Part of Approval Conditions

Grade	Deoxidation Practice	Grain Refining Elements	Max. Thickness (mm)	Condition of Supply	Note
KA KB	Killed	Not Applicable	60	CR	(1)
	Fine-grained Killed	Al-Ti	50	CR	(1)
KD	Fine-grained Killed	Al-Ti	50	CR	(1)
KA32 KD32	Fine-grained Killed	Al-Ti	50	CR	(1)
		Al-Ti-Nb	50	CR	(1)
KA36 KD36	Fine-grained Killed	Al-Ti-Nb	50	CR	(1)

Note:

(1) Including "Z25" or "Z35" through thickness properties.



 M. IRISAWA
 General Manager
 Material and Equipment Department