

No. : TA2613E

Date : 21 January 2026

PARTICULAR OF APPROVAL

Approval Conditions for Manufacturing Process of Rolled Steels for Hull

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|----------------------------|---|
| 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	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.



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 Material and Equipment Department