日钢营口中板有限公司
RIZHAO STEEL YINGKOU MEDIUM PLATE CO.,LTD.
辽宁省营口市老边区冶金街/115005
Yejinstreet,Laobiandistrict,Yingkou,Liaoning,P.R.China/115005
TEL:0417-3256081 FAX:0417-3256057 NO.:DT2101501/A

# 产品质量证明书
# INSPECTION CERTIFICATE

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|---|---|---|---|---|---|
| 订货单位 PURCHASER | SAMSUNG C&T CORPORATION | 产品名称 PRODUCT | 普通碳素结构钢 General carbon structural steel | | |
| 收货单位 CONSIGNEE | SAMSUNG C&T CORPORATION | 合同编号 CONTRACT NO. | YGR1ZANN240383006-02 | | |
| 技术标准/牌号 SPEC/GRADE | ASTM A36/A36M; ASTM A36 | 交货状态 DELIVERY CONDITION | 热轧(AR) | 签发日期 DATE OF ISSUE | 20240409 |
| | | 证明书编号 CERTIFICATE NO. | 240409Z00474 | | |
| 车 号 TRAIN NO. | | | | | |

| 炉号 HEAT NO. | 批号 LOT NO. | 钢板号 PLATE NO. | 规格 (MM) DIMENSION | 数量 QTY | 重量 WEIGHT kg | 分析区域 AA | 化学成分 CHEMICAL ANALYSIS % C | Si | Mn | P | S | CEV | Cr | Mo | V | Ni | Cu | Nb | Ti | B0A01 屈服强度 MPa Rp0.2 | B0A02 抗拉强度 MPa Rm | B0A03 断后伸长率 % B5 | B0A04 屈强比 | B0B01 弯曲试验 d=3a 180° | A0C01 冲击单值A J | A0C012 冲击单值B J | A0C013 冲击单值C J | A0C02 冲击均值Ave J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ×10⁻³ | ×10⁻³ | ×10⁻³ | ×10⁻⁴ | ×10⁻⁴ | ×10⁻² | ×10⁻³ | ×10⁻⁴ | ×10⁻³ | ×10⁻⁴ | ×10⁻³ | ×10⁻⁴ | ×10⁻⁴ | | | | | | | | | |
| 24202339A | S44070071 | S4407098101 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407098201 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407098301 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407099101 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407099301 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407100101 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407100201 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407100301 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407101101 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407101201 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070071 | S4407101301 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 338 | 478 | 26.5 | 0.71 | OK | 78 | 72 | 75 | 75 |
| 24202339A | S44070078 | S4407119101 | 6x2440x12000 | 1 | 1,379 | L | 153 | 175 | 901 | 270 | 57 | 32 | 84 | 30 | 1 | 520 | 10 | 20 | 20 | 346 | 463 | 29 | 0.75 | OK | 70 | 71 | 69 | 70 |
| | | | 合计(TOTAL)： | 12 | 16,548 | | | | | | | | | | | | | | | | | | | | | | | |

**注释 NOTES**

L：熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=200 mm
A0C冲击试验IMPACTTEST：20°C，纵向LONGITUDINAL，近表 CLOSE TO SURFACE，尺寸SIZE10*5*55
B0A01=YIELD STRENGTH
B0A02=TENSILE STRENGTH
B0A03=PRECENTAGE ELONGATION AFTER FRACTURE
B0A04=YIELD STRENGTH RATIO
B0B01=BENDTEST
A0C01=IMPACT TEST A
A0C012=IMPACT TEST B
A0C013=IMPACT TEST C
A0C02=IMPACT AVERAGE

According to EN 10204 3.1

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本产品已按照标准要求进行制造和检验，其结果符合要求，特此证明。
WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HAS MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION

冶金技术处处长
DIRECTOR OF METALLURGICAL DEPARTMENT