



敬业 (营口) 中板有限公司
JINGYE (YINGKOU) MEDIUM PLATE CO.LTD.

辽宁省营口市老边区冶金街/115005

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产品质量证明书
INSPECTION CERTIFICATE



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|-----------------------|------------------------|----------------------------|--|---------------------------|----------|
| 订货单位 PURCHASER | CUMIC STEEL USA, INC | 产品名称 PRODUCT | 普通碳素结构钢 General carbon structural steel | | |
| 收货单位 CONSIGNEE | CUMIC STEEL USA, INC | 合同编号 CONTRACT NO. | YGCAZANN250983002-01 | | |
| 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 | 20251011 |
| | | 证明书编号 CERTIFICATE NO. | 251011Z00648 | 是否保性能 GUARANTEE OR NOT | 是 YES |
| 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 % | | | | | | | | | | | | | | B 0A01 | B 0A02 | B 0A03 | B 0A04 | B 0B01 | A 0C01 | A 0C012 | A 0C013 | A 0C02 |
|----------------|---------------|------------------|-------------------------|-----------|--------------------|----------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------|
| | | | | | | | C | Si | Mn | P | S | CEV | Cr | Mo | V | Ni | Cu | Nb | Ti | 屈服 强度 | 抗 拉 强度 | 断后 伸 长 率 | 屈 强 比 | 弯 曲 试 验 | 冲 击 单 值 A | 冲 击 单 值 B | 冲 击 单 值 C | 冲 击 均 值 Ave | |
| | | | | | | | x10 ⁻³ | x10 ⁻³ | x10 ⁻³ | x10 ⁻⁴ | x10 ⁻⁴ | x10 ⁻² | x10 ⁻³ | x10 ⁻⁴ | x10 ⁻³ | x10 ⁻⁴ | x10 ⁻³ | x10 ⁻⁴ | x10 ⁻³ | x10 ⁻⁴ | x10 ⁻⁴ | MPa | MPa | % | | d=3a | J | J | J |
| 25119719A | S5A100151 | S5A10297101 | 8x2440x12000 | 1 | 1,839 | L | 133 | 150 | 824 | 140 | 73 | 29 | 7.2 | 2.0 | 1 | 310 | 8 | 20 | 30 | 295 | 443 | 30.5 | 0.67 | OK | 90 | 94 | 100 | 95 | |
| 25119719A | S5A100151 | S5A10297201 | 8x2440x12000 | 1 | 1,839 | L | 133 | 150 | 824 | 140 | 73 | 29 | 7.2 | 2.0 | 1 | 310 | 8 | 20 | 30 | 295 | 443 | 30.5 | 0.67 | OK | 90 | 94 | 100 | 95 | |
| 25119719A | S5A100151 | S5A10297301 | 8x2440x12000 | 1 | 1,839 | L | 133 | 150 | 824 | 140 | 73 | 29 | 7.2 | 2.0 | 1 | 310 | 8 | 20 | 30 | 295 | 443 | 30.5 | 0.67 | OK | 90 | 94 | 100 | 95 | |
| 25119719A | S5A100151 | S5A10298101 | 8x2440x12000 | 1 | 1,839 | L | 133 | 150 | 824 | 140 | 73 | 29 | 7.2 | 2.0 | 1 | 310 | 8 | 20 | 30 | 295 | 443 | 30.5 | 0.67 | OK | 90 | 94 | 100 | 95 | |
| 25119719A | S5A100151 | S5A10298201 | 8x2440x12000 | 1 | 1,839 | L | 133 | 150 | 824 | 140 | 73 | 29 | 7.2 | 2.0 | 1 | 310 | 8 | 20 | 30 | 295 | 443 | 30.5 | 0.67 | OK | 90 | 94 | 100 | 95 | |
| 25119719A | S5A100151 | S5A10298301 | 8x2440x12000 | 1 | 1,839 | L | 133 | 150 | 824 | 140 | 73 | 29 | 7.2 | 2.0 | 1 | 310 | 8 | 20 | 30 | 295 | 443 | 30.5 | 0.67 | OK | 90 | 94 | 100 | 95 | |
| 25119721A | S5A100153 | S5A10299101 | 8x2440x12000 | 1 | 1,839 | L | 131 | 163 | 838 | 240 | 139 | 29 | 10.3 | 2.0 | 1 | 330 | 10 | 30 | 30 | 300 | 450 | 30 | 0.67 | OK | 107 | 75 | 88 | 90 | |
| 25119721A | S5A100153 | S5A10299201 | 8x2440x12000 | 1 | 1,839 | L | 131 | 163 | 838 | 240 | 139 | 29 | 10.3 | 2.0 | 1 | 330 | 10 | 30 | 30 | 300 | 450 | 30 | 0.67 | OK | 107 | 75 | 88 | 90 | |
| 25119721A | S5A100153 | S5A10299301 | 8x2440x12000 | 1 | 1,839 | L | 131 | 163 | 838 | 240 | 139 | 29 | 10.3 | 2.0 | 1 | 330 | 10 | 30 | 30 | 300 | 450 | 30 | 0.67 | OK | 107 | 75 | 88 | 90 | |
| 25119721A | S5A100153 | S5A10300101 | 8x2440x12000 | 1 | 1,839 | L | 131 | 163 | 838 | 240 | 139 | 29 | 10.3 | 2.0 | 1 | 330 | 10 | 30 | 30 | 300 | 450 | 30 | 0.67 | OK | 107 | 75 | 88 | 90 | |
| 25119721A | S5A100153 | S5A10300201 | 8x2440x12000 | 1 | 1,839 | L | 131 | 163 | 838 | 240 | 139 | 29 | 10.3 | 2.0 | 1 | 330 | 10 | 30 | 30 | 300 | 450 | 30 | 0.67 | OK | 107 | 75 | 88 | 90 | |
| 25119721A | S5A100153 | S5A10300301 | 8x2440x12000 | 1 | 1,839 | L | 131 | 163 | 838 | 240 | 139 | 29 | 10.3 | 2.0 | 1 | 330 | 10 | 30 | 30 | 300 | 450 | 30 | 0.67 | OK | 107 | 75 | 88 | 90 | |
| 合计(TOTAL): | | | | 12 | 22,068 | | | | | | | | | | | | | | | | | | | | | | | | |

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| 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 , 纵向LONGITUDINAL , 近表 CLOSE TO SURFACE , 尺寸SIZE10*5*55 | B0A04=YIELD STRENGTH RATIO B0B01=BENDTEST A0C01=IMPACT TEST A A0C012=IMPACT TEST B A0C013=IMPACT TEST C A0C02=IMPACT AVERAGE |
| | B0A01=YIELD STRENGTH B0A02=TENSILE STRENGTH B0A03=PERCENTAGE ELONGATION AFTER FRACTURE | |
| 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, 目视及尺寸检验均符合标准要求, 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 Both BOTH VISUAL AND DIMENSIONAL INSPECTION MEET THE STANDARD REQUIREMENTS | 技术中心 Technology Center |
| | | 于浩 |