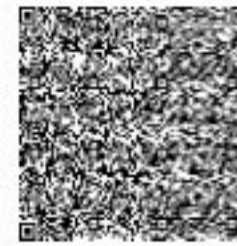




鞍钢股份有限公司
Angang Steel Company Limited

产品质量证明书

INSPECTION CERTIFICATE



中国辽宁省鞍山市铁西区鞍钢厂区 邮编 114003
Angang Production Area, Tiexi District, Anshan City,
Liaoning Province, China
Tel 400-688-0898 Fax 0412-6728486

制造厂: 鞍钢股份有限公司冷轧厂
Manufacturer: Cold Rolled Strip Steel Mill of ANSTEEL

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| | | | | | |
|---------------------|-----------------------------------|----------------------------|---------------------------------|-----------------------------|---------------------|
| 订货单位 Buyer | | 产品名称 Product | 冷轧钢卷 Cold-rolled steel strip | 证明书编号 Certificate No. | E02501200244 |
| 收货单位 Consignee | | 交货状态 Delivery Condition | 退火平整 | 合同编号 Contract No. | E2510845005 |
| 客户名称 Customer | | 计量方式 Weight Mode | 实际重量 Actual Weight | 购单号 Purchase No. | ASHFSCXS-DHQC250101 |
| 标准 Specification | GB/T 12237-2012-45-m-FB-PT.A-PW.A | 发货日期 Date of Delivery | 20250120 | 商检批次号 Ins.Lot.No. | |
| 到站 Destination | 鞍钢码头 | 车号 Wagon No. | 0 | 出口目的港 Export Destination | |

| 序号 No. | 物料号 Pack No. | 熔炼号 Heat No. | 重量(kg) Weight | 件数 Pieces | 化学成分 (%) Chemical Composition | | | | | | | | | | 拉伸试验 Tension Test B=20, L=80 | | | N值 | 弯曲 试验 Bend Test | 硬度 Hard- ness | 晶粒度 Grain Size | 脱碳层 双面 (mm) D.D.L | 显微组织评级 (Level) | | | | | | |
|-----------|------------------------------|------------------------|------------------|-----------------------|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|------------------------------------|------------------|----|----|--------------------------|---------------------|----------------------|----------------------------|---------------------------|---------------|----------------------------|----------------------------|------------------------|-------------------------|-----------------------------|
| | | | | | 成分 类型 C. T. | C | Si | Mn | P | S | Ni | Cr | Cu | 屈服 (MPa) Y.S. | 抗拉 (MPa) T.S. | 伸长 率(%) EL | R值 | | | | | | 弯曲 次数 Bend Times | 硬度 类型 A | 晶粒 形状 Grain Shape | 脱碳层 单面 (mm) S.D.L | 带状 组织 级别 B.S. | 游离 渗碳体 级别 F.C. | 球状 珠光体 级别 Pearlite |
| | | | | | | 10 ⁻² | 10 ⁻² | 10 ⁻² | 10 ⁻³ | 10 ⁻³ | 10 ⁻³ | 10 ⁻³ | 10 ⁻³ | | | | | | | | | | | | | | | | |
| 1 | A9510487010000 1.5*1250*C | 25D00065 LB25102400 | 6470 6550 | 1 | 0 | 45 | 21 | 56 | 11 | 3 | 2 | 13 | 1 | | 484 | 28 | | | 0 | 2 | | | | | | | | | |
| 2 | A9510487020000 1.5*1250*C | 25D00065 LB25102400 | 6065 6145 | 1 | 0 | 45 | 21 | 56 | 11 | 3 | 2 | 13 | 1 | | 484 | 28 | | | 0 | 2 | | | | | | | | | |
| 3 | A9510487030000 1.5*1250*C | 25D00065 LB25102400 | 6560 6640 | 1 | 0 | 45 | 21 | 56 | 11 | 3 | 2 | 13 | 1 | | 484 | 28 | | | 0 | 2 | | | | | | | | | |
| 4 | A9510520010000 1.5*1250*C | 25ED0059 LB25102690 | 6220 6300 | 1 | 0 | 46 | 21 | 57 | 14 | 4 | 4 | 18 | 3 | | 496 | 25.5 | | | 0.02 | 1.5 | | | | | | | | | |
| 5 | A9510520020000 1.5*1250*C | 25ED0059 LB25102690 | 6250 6330 | 1 | 0 | 46 | 21 | 57 | 14 | 4 | 4 | 18 | 3 | | 496 | 25.5 | | | 0.01 | 1.5 | | | | | | | | | |
| 6 | A9510520030000 1.5*1250*C | 25ED0059 LB25102690 | 6725 6805 | 1 | 0 | 46 | 21 | 57 | 14 | 4 | 4 | 18 | 3 | | 496 | 25.5 | | | 0.02 | 1.5 | | | | | | | | | |
| 合计Total | | 总重量Total Weight | 38290 | 总毛重Total Gross Weight | 38770 | 总件数 Total Pieces | | | | | | | 6 | | | | | | | | | | | | | | | | |

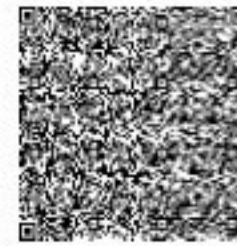
| | | | |
|-------------------|--|----------------------------|---|
| 备注 Remarks | 上述元素仅列出参与复合公式的有意添加元素, 但复合元素结果是严格按公式计算得出。 | 注释 Notes | 成分类型 (Chemical Composition): 0:熔炼分析 Heat Analysis 1:产品分析 Product Analysis; 拉伸试验 (Tension Test): Y.S.=Yield Strength T.S.=Tensile strength EL=Elongation 产品长度 Gauge Length |
| 说明 Description | 本产品已按上述标准制造和检验, 其结果符合要求, 特此证明。贵方如查询有关问题, 请与我公司联系。 We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with requirements of the above material specification. If you have any questions, please contact our company. | 质量保证负责人 Quality Manager | |



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Angang Steel Company Limited

产品质量证明书

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| 订货单位 Buyer | | 产品名称 Product | 冷轧钢卷 Cold-rolled steel strip | 证明书编号 Certificate No. | E02501200244 |
| 收货单位 Consignee | | 交货状态 Delivery Condition | 退火平整 | 合同编号 Contract No. | E2510845005 |
| 客户名称 Customer | | 计量方式 Weight Mode | 实际重量 Actual Weight | 购单号 Purchase No. | ASHFSCXS-DHQC250101 |
| 标准 Specification | GB/T 12237-2012-45-m-FB-PT.A-PW.A | 发货日期 Date of Delivery | 20250120 | 商检批次号 Ins.Lot.No. | |
| 到站 Destination | 鞍钢码头 | 车号 Wagon No. | 0 | 出口目的港 Export Destination | |

| 序号 No. | 物料号 Pack No. | 熔炼号 Heat No. | 重量(kg) Weight | 件数 Pieces | 化学成分 (%) Chemical Composition | | | | | | | | | | 拉伸试验 Tension Test B=20, L=80 | | | N值 | 弯曲 试验 Bend Test | 硬度 Hard- ness | 晶粒度 Grain Size | 脱碳层 双面 (mm) D.D.L | 显微组织评级 (Level) | | | | | | |
|-----------|------------------------------|------------------------|------------------|-----------------------|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|------------------------------------|------------------|----|----|--------------------------|---------------------|----------------------|----------------------------|---------------------------|---------------|----------------------------|----------------------------|------------------------|-------------------------|-----------------------------|
| | | | | | 成分 类型 C. T. | C | Si | Mn | P | S | Ni | Cr | Cu | 屈服 (MPa) Y.S. | 抗拉 (MPa) T.S. | 伸长 率(%) EL | R值 | | | | | | 弯曲 次数 Bend Times | 硬度 类型 A | 晶粒 形状 Grain Shape | 脱碳层 单面 (mm) S.D.L | 带状 组织 级别 B.S. | 游离 渗碳体 级别 F.C. | 球状 珠光体 级别 Pearlite |
| | | | | | | 10 ⁻² | 10 ⁻² | 10 ⁻² | 10 ⁻³ | 10 ⁻³ | 10 ⁻³ | 10 ⁻³ | 10 ⁻³ | | | | | | | | | | | | | | | | |
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| 2 | A9510487020000 1.5*1250*C | 25D00065 LB25102400 | 6065 6145 | 1 | 0 | 45 | 21 | 56 | 11 | 3 | 2 | 13 | 1 | | 484 | 28 | | | 0 | 2 | | | | | | | | | |
| 3 | A9510487030000 1.5*1250*C | 25D00065 LB25102400 | 6560 6640 | 1 | 0 | 45 | 21 | 56 | 11 | 3 | 2 | 13 | 1 | | 484 | 28 | | | 0 | 2 | | | | | | | | | |
| 4 | A9510520010000 1.5*1250*C | 25E00059 LB25102690 | 6220 6300 | 1 | 0 | 46 | 21 | 57 | 14 | 4 | 4 | 18 | 3 | | 496 | 25.5 | | | 0.02 | 1.5 | | | | | | | | | |
| 5 | A9510520020000 1.5*1250*C | 25E00059 LB25102690 | 6250 6330 | 1 | 0 | 46 | 21 | 57 | 14 | 4 | 4 | 18 | 3 | | 496 | 25.5 | | | 0.01 | 1.5 | | | | | | | | | |
| 6 | A9510520030000 1.5*1250*C | 25E00059 LB25102690 | 6725 6805 | 1 | 0 | 46 | 21 | 57 | 14 | 4 | 4 | 18 | 3 | | 496 | 25.5 | | | 0.02 | 1.5 | | | | | | | | | |
| 合计Total | | 总重量Total Weight | 38290 | 总毛重Total Gross Weight | 38770 | 总件数 Total Pieces | 6 | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
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