

产品质量证明书

INSPECTION CERTIFICATE



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|                        |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                              |  |                                            |  |  |  |  |  |  |  |                                |  |                    |  |  |  |  |  |  |  |
|------------------------|--------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------------------|--|--------------------------------------------|--|--|--|--|--|--|--|--------------------------------|--|--------------------|--|--|--|--|--|--|--|
| 订货单位<br>CUSTOMER       | TO WHOM IT MAY CONCERN                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 产品名称<br>PRODUCT              |  | PRIME HOT ROLLED STEEL H-BEAMS AND CHANNEL |  |  |  |  |  |  |  | 牌号<br>GRADE                    |  | A992-GR50          |  |  |  |  |  |  |  |
| 收货单位<br>PURCHASER      | TO WHOM IT MAY CONCERN                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 客户订单编号<br>CUSTOMER ORDER NO. |  |                                            |  |  |  |  |  |  |  | 证书号<br>CERTIFICATE NO.         |  | BWSJP2605071054700 |  |  |  |  |  |  |  |
| 标准<br>SPECIFICATION    | ASTM A992/ASTM A572-2019 A992-GR50<br>ASTM A6/A6M-2024 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 签发日期<br>DATE OF ISSUE        |  | 2026/05/07                                 |  |  |  |  |  |  |  | 一贯管理番号<br>CUSTOMER PRODUCT NO. |  |                    |  |  |  |  |  |  |  |
|                        |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 许可证号<br>LICENSE NO.          |  |                                            |  |  |  |  |  |  |  | 合同号<br>CONTRACT NO.            |  | PTAS249010         |  |  |  |  |  |  |  |
| 工程代码名称<br>PROJECT CODE |                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 规格<br>SPECIFICATION          |  | W12×26*12000                               |  |  |  |  |  |  |  | 交货状态<br>DELIVERY CONDITION     |  |                    |  |  |  |  |  |  |  |

| 序号<br>NO.          | 轧批号<br>PLATE NO.<br>LOT NO. | 炉号<br>HEAT NO.                                                                                                                                                                                                                                                                                                                                                                                                                 | 长度<br>LENGTH | 件数<br>BUNDLE | 支数<br>PIECE | 重量<br>MASS<br>(kg) | 分析区分*1 | 化学成分 CHEMICAL COMPOSITION %<br>1=X10 2=X100 3=X1000 4=X10000 5=X100000 |    |     |    |    |    |    |    |    |    | 拉伸试验<br>TENSILE TEST |              |              |           | 弯曲试验<br>Bending test |     | 冲击实验 IMPACT TEST<br>试样尺寸 Specimen Dimensions |                              |                               |                              |                          |   |       |   | 时效冲击实验 Aging impact test<br>试样尺寸 Specimen Dimensions |                            |                              |                      |  |   |   |   | 厚度方向性能<br>THROUGH THICK<br>断面收缩率 %<br>REDUCTION OF AREA |   |   |   | 硬度实验<br>Hardness Test |  |  |  | 超声波探伤<br>/UT |
|--------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-------------|--------------------|--------|------------------------------------------------------------------------|----|-----|----|----|----|----|----|----|----|----------------------|--------------|--------------|-----------|----------------------|-----|----------------------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------|---|-------|---|------------------------------------------------------|----------------------------|------------------------------|----------------------|--|---|---|---|---------------------------------------------------------|---|---|---|-----------------------|--|--|--|--------------|
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        | C                                                                      | Si | Mn  | P  | S  | Cr | Ni | Cu | Mo | V  |                      | 屈服强度<br>Y.S. | 抗拉强度<br>T.S. | 屈强比<br>EL | 断后伸长率<br>A/%         | D   | 结果                                           | 试验温度<br>Test Tempe<br>rature | 试验方向<br>Test Direc<br>tion *3 | 缺口类型<br>Charpy notch<br>type | 冲击数值<br>Impact Value     |   |       |   | 试验温度<br>Test Tempe<br>rature                         | 试验方向<br>Test Direc<br>tion | 缺口类型<br>Charpy notch<br>type | 冲击数值<br>Impact value |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        | 2                                                                      | 2  | 2   | 3  | 3  | 2  | 2  | 2  | 3  | 3  |                      | ReL          | Rm           | EL        |                      |     |                                              |                              |                               |                              |                          | 1 | 2     | 3 | 均值<br>AVE                                            |                            |                              |                      |  | 1 | 2 | 3 | 均值<br>AVE                                               | 1 | 2 | 3 | 均值<br>AVE             |  |  |  |              |
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        | Nb                                                                     | CE | Sn  |    |    |    |    |    |    |    |                      |              | Mpa          | Mpa       | *2                   | A/% |                                              | results                      |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        | 3                                                                      | 2  | 4   |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
| 1                  | X22650031                   | A262-03824                                                                                                                                                                                                                                                                                                                                                                                                                     | 12000        | 5            | 50          | 23200              | L      | 17                                                                     | 21 | 133 | 19 | 19 | 5  | 1  | 3  | 0  | 29 |                      | 406          | 555          | 0.73      | 28                   |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
| 2                  | X22650032                   | A261-03551                                                                                                                                                                                                                                                                                                                                                                                                                     | 12000        | 3            | 30          | 13920              | L      | 2                                                                      | 41 | 22  |    |    |    |    |    |    |    |                      | 426          | 573          | 0.74      | 28.5                 |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        |                                                                        |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        | 车(皮)号：                                                                 |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
| 合计                 | Total                       | 8                                                                                                                                                                                                                                                                                                                                                                                                                              | BUNDLE       | 80           | PIECE       | 37120              | KG     | 出口批号(No.) PTAS24901                                                    |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
| 备注<br>REMARKS      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        |                                                                        |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
| 注释<br>NOTES        |                             | *1分析区分ANALYSIS：L = 熔炼分析 LADLE ANALYSIS, P = 成品分析 PRODUCT ANALYSIS *2屈强比 EL=Y.S/T.S *3 试验方向 LOCATION AND ORIENTATION：B = 尾部 BOTTOM, T = 头部 TOP, C = 横向 TRANS., L = 纵向LONGI.,<br>CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15                                                                                                                                                                                                                |              |              |             |                    |        |                                                                        |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
| 会验者<br>SURVEYOR TO |                             | ①兹证明本表所列产品，均按标准进行制造及检验，表面质量和外形尺寸均合格。<br>We hereby certify that all products listed are manufactured and tested in accordance with standards, surface quality and overall dimensions are all qualified.<br>②有异议时，来函请标明钢号、炉号、合同号、规格、发货日期、原因、并将实物保存好。<br>If you have any objections, please indicate the grade, heat No., contract No., size, delivery date, and reason in your correspondence, and retain the material properly. |              |              |             |                    |        |                                                                        |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              | 质量负责人<br>QUALITY MANAGER |   | 质量证明章 |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |
|                    |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |             |                    |        |                                                                        |    |     |    |    |    |    |    |    |    |                      |              |              |           |                      |     |                                              |                              |                               |                              |                          |   |       |   |                                                      |                            |                              |                      |  |   |   |   |                                                         |   |   |   |                       |  |  |  |              |