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|                     |                 |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
|---------------------|-----------------|-----------------|--------------------------|------------|------------------|------------|-------------------------------|-------------------|-------------------------------|---------|----------|----------------------|-----|----------------|----|----|--------------------------|------------|----------------------------|----------------|-------|---|--------|-----------|-------------------|----------------|---|---|------|-----|-------------------|-------------------|--|
| 订货单位<br>Buyer       |                 |                 | 鞍钢集团国际经济贸易有限公司           |            |                  |            | 产品名称<br>Product               |                   | 中厚板<br>Medium and Heavy plate |         |          | 合同编号<br>Contract No. |     | C2491277001    |    |    | 证明书编号<br>Certificate No. |            |                            | C02411210086   |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 收货单位<br>Consignee   |                 |                 | 鞍钢股份有限公司（鲑鱼圈外贸出口）        |            |                  |            | 客户名称<br>Customer              |                   | 鞍钢集团国际经济贸易有限公司                |         |          |                      |     |                |    |    |                          |            | 交货状态<br>Delivery Condition |                | 淬火+回火 |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 标准<br>Specification |                 |                 | GB/T 24186-2022          |            |                  |            | 许可证编号<br>License No.          |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 钢牌号<br>Grade        |                 |                 | NM500                    |            |                  |            | 发货日期<br>Date of Delivery      |                   | 20241121                      |         |          | 计重方式<br>Weight Mode  |     | 理论重量<br>Theory |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 序号<br>No.           | 物料号<br>Pack No. | 熔炼号<br>Heat No. | 规格(mm)<br>Dimensions mm. |            | 重量(kg)<br>Weight | 件数<br>Pcs. | 化学成分 Chemical Composition (%) |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   | 冷弯Bend |           |                   |                |   |   |      |     |                   |                   |  |
|                     |                 |                 |                          |            |                  |            | *1                            | C                 | Si                            | Mn      | P        | S                    | Als | Ti             | Ni | Cr | B                        | Mo         |                            |                |       |   |        |           |                   |                |   |   | 取样位置 | α=  | °                 | 检验批号<br>Batch No. |  |
| 9                   | H4A020495000    | 246D6812        | 16*2000*6000             |            | 1507             | 1          | 0                             | 29                | 26                            | 101     | 10       | 1                    | 28  | 19             | 21 | 82 | 13                       | 1          |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 10                  | H4A112562000    | 245D3045        | 16*2000*6000             |            | 1507             | 1          | 0                             | 29                | 36                            | 102     | 14       | 1                    | 21  | 19             | 6  | 81 | 13                       | 0          |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 11                  | H4A112563000    | 245D3045        | 16*2000*6000             |            | 1507             | 1          | 0                             | 29                | 36                            | 102     | 14       | 1                    | 21  | 19             | 6  | 81 | 13                       | 0          |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 12                  | H4A112564000    | 245D3045        | 16*2000*6000             |            | 1507             | 1          | 0                             | 29                | 36                            | 102     | 14       | 1                    | 21  | 19             | 6  | 81 | 13                       | 0          |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
|                     |                 |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
|                     |                 |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
|                     |                 |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
|                     |                 |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 合计Total             |                 |                 |                          |            | 6028             | 4          |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 序号<br>No.           | 物料号<br>Pack No. | 拉伸Tension       |                          |            |                  |            |                               | 冲击Charpy          |                               |         |          |                      |     |                |    |    |                          | 硬度Hardness |                            |                |       |   |        | 厚度方向性能(Z) |                   |                |   |   |      |     |                   |                   |  |
|                     |                 | 位置<br>方向<br>*2  | 屈服<br>Y.S.               | 抗拉<br>T.S. | 伸长率<br>%         | 收缩率<br>%   | 屈强比<br>Y.S./<br>T.S.<br>%     | 检验批号<br>Batch No. | 位置<br>方向<br>*2                | 温度<br>℃ | J        |                      |     |                |    |    |                          |            | 检验批号<br>Batch No.          | 位置<br>方向<br>*2 | HBW   |   |        |           | 检验批号<br>Batch No. | 位置<br>方向<br>*2 | 1 | 2 | 3    | Ave | 检验批号<br>Batch No. |                   |  |
|                     |                 |                 |                          |            |                  |            |                               |                   |                               |         | 纤维率 SA % |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
|                     |                 |                 | 1                        |            |                  |            |                               |                   |                               |         | 2        | 3                    | Ave | 1              | 2  | 3  | Ave                      | 1          |                            |                | 2     | 3 | Ave    |           |                   |                |   |   |      |     |                   |                   |  |
| 9                   | H4A020495000    |                 | MPa                      | MPa        |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 10                  | H4A112562000    |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 11                  | H4A112563000    |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |
| 12                  | H4A112564000    |                 |                          |            |                  |            |                               |                   |                               |         |          |                      |     |                |    |    |                          |            |                            |                |       |   |        |           |                   |                |   |   |      |     |                   |                   |  |