

We hereby certify that the products listed in the table have been manufactured and tested according to the standards, and accordance with the request of standards

量证明书  
PRODUCT QUALITY



QR/C 100610

地址: 中国 湖北·鄂州(武昌大道215号)

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|               |  |  |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
|---------------|--|--|----------|---------|----------|---------|---------|------|-----------------|-------------|------------|---|---|-----|-------------|---|---|---------------|
| 产品名称          |  | 钢筋混凝土用热轧带肋钢筋直条   |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
| PRODUCT       |  | Steel for the reinforcement of concrete-Hot rolled ribbed bars |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
| 牌号            |  | HRB400E  |          |         |          |         |         |      | 证书号             |             | 2411210273 |   |   |     |             |   |   |               |
| STEEL GRADE   |  |  |          |         |          |         |         |      | CERTIFICATE NO. |             |            |   |   |     |             |   |   |               |
| 签发日期          |  | 3/14/2022  |          |         |          |         |         |      | 码单号             |             | B224B21054 |   |   |     |             |   |   |               |
| DATE OF ISSUE |  |  |          |         |          |         |         |      | DELIVERY No.    |             |            |   |   |     |             |   |   |               |
| 许可证号          |  | 鄂XK05-001-00003  |          |         |          |         |         |      | 合同号             |             | B4B0494002 |   |   |     |             |   |   |               |
| LICENSE NO.   |  |  |          |         |          |         |         |      | CONTRACT NO.    |             |            |   |   |     |             |   |   |               |
|               |  | 拉伸试验   |          |         |          |         |         |      | 弯曲试验            |             | 硬度         |   |   |     | 冲击          |   |   | 重量<br>偏差<br>% |
|               |  | TENSILE TEST   |          |         |          |         |         |      | BEND TEST       |             | HARDNESS   |   |   |     | IMPACT TEST |   |   |               |
|               |  | 屈服<br>强度   | 抗拉<br>强度 | 伸长<br>率 | 断面<br>收缩 | 屈标<br>比 | 强屈<br>比 | Agt  | 冷弯              | 反弯          | 1          | 2 | 3 | AVG | 1           | 2 | 3 |               |
|               |  | Y.S.   | T.S.     | EL      | 率        |         |         |      | α=4 d           | α=5 d       |            |   |   |     |             |   |   |               |
|               |  | ReL  | Rm       | A       | Z        |         |         |      | 180°            | 正90<br>反20° |            |   |   |     |             |   |   |               |
|               |  | MPa  |          | %       |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
|               |  | 455  | 630      | 25      |          | 1.14    | 1.38    | 14.1 | 合格              | 合格          |            |   |   |     |             |   |   | -15.4         |
|               |  | 455  | 635      | 24      |          | 1.14    | 1.4     | 13.5 | 合格              | 合格          |            |   |   |     |             |   |   |               |
|               |  | 455  | 630      | 25      |          | 1.14    | 1.38    | 14.0 | 合格              | 合格          |            |   |   |     |             |   |   |               |
|               |  | 455  | 635      | 25      |          | 1.14    | 1.4     | 13.5 | 合格              | 合格          |            |   |   |     |             |   |   |               |
| al            |  |  |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
|               |  | 生产日期: 2022-03-14 2022-03-14                                    |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
|               |  |  |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |
|               |  | 鄂钢检验中心<br>GENERAL MANAGER QUALITY INSPECTION CENTER            |          |         |          |         |         |      |                 |             |            |   |   |     |             |   |   |               |