



## 产品质量证明书

# INSPECTION CERTIFICATE



丽水华宏钢铁制品有限公司

LISHUI HUAHONG STEEL PRODUCTS CO., LTD

编号/识别码: 202601270065/TR0AQG

执行标准: GB 1499.2-2024

发货日期: 2026-01-27

订货单位: 上海易连网络科技有限公司

许可证号: (浙)XK05-001-00013

产品名称: 钢筋混凝土用热轧带肋钢筋

发货单号:

| 序号 | 牌号      | 规格<br>mm | 长度<br>m | 轧制批号       | 件数 | 重量<br>(t) | 化 学 成 分 (%) |      |      |       |       |       |      |                                       | 力 学 性 能                              |                |                                                                 |                                                                  |                         |     | 冷弯<br>180° | 反弯<br>正弯90°<br>反弯20° | 重量<br>偏差<br>(%) | 金相<br>组织 |
|----|---------|----------|---------|------------|----|-----------|-------------|------|------|-------|-------|-------|------|---------------------------------------|--------------------------------------|----------------|-----------------------------------------------------------------|------------------------------------------------------------------|-------------------------|-----|------------|----------------------|-----------------|----------|
|    |         |          |         |            |    |           | C           | Si   | Mn   | P     | S     | V     | Ceq  | R <sup>o</sup> <sub>el</sub> /<br>MPa | R <sup>o</sup> <sub>m</sub> /<br>MPa | A /<br>%       | R <sup>o</sup> <sub>0.2</sub> /<br>R <sup>o</sup> <sub>el</sub> | R <sup>o</sup> <sub>0.01</sub> /<br>R <sup>o</sup> <sub>el</sub> | A <sub>gt</sub> /<br>%  |     |            |                      |                 |          |
| 1  | HRB400E | Φ12      | 9米      | 0326010722 | 14 | 23.492    | 0.24        | 0.47 | 1.16 | 0.029 | 0.015 | 0.022 | 0.47 | 450<br>445<br>445                     | 615<br>615<br>615                    | 23<br>22<br>21 | 1.37<br>1.38<br>1.38                                            | 1.13<br>1.11<br>1.11                                             | 13.80<br>13.90<br>13.60 | 无裂纹 | 无裂纹        | -5.0                 | 合格              |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |
|    |         |          |         |            |    |           |             |      |      |       |       |       |      |                                       |                                      |                |                                                                 |                                                                  |                         |     |            |                      |                 |          |

签发人：魏柳萍

签发日期: 2026.01.27