



浙江万泰特钢有限公司  
ZHEJIANG WANTAI ESPECIALLY STEEL CO., LTD

质量证明书  
QUALITY CERTIFICATE



TBQ23P1001M GPC23P10006M 16223P10005M



|               |                  |                    |                |                       |
|---------------|------------------|--------------------|----------------|-----------------------|
| 订货单位:         | 许可证号:            | (浙) XK05-001-00011 | 地址:            | 浙江省嘉善县姚庄镇万泰路366号      |
| CUSTOMER      | LICENSE NO.      |                    | ADDRESS        |                       |
| 合同编号:         | 证明书号:            | 2412001285         | 总重量 t:         | 39.440                |
| COTRACT NO.   | CERTIFICATE      |                    | WEIGHT         |                       |
| 交货标准:         | 签发日期:            |                    | 交货状态:          | 热轧带肋钢筋                |
| SPECIFICATION | DATE OF ISSUE    |                    | DELIVERY STATE | Hot-rolled Ribbed Bar |
| 收货单位:         | 发货日期:            | 2024/12/18         | 车号:            | 浙B5L691               |
| PURCHASER     | DATE OF DELIVERY |                    | CAR NUMBER     |                       |

| 炉批号<br>HEAT NO                                             | 牌号<br>STEEL<br>GRADE | 规格<br>DIMENSION | 重量 | 数量               | 合计    | 化学成分 CHEMICAL COMPOSITION % |    |                          |                  |    |   |                  | 力学性能 MECHANICAL PROPERTIES |                                                           |          |     |    |    |          |      | 抗震性能                        |                         |                                  |      |  |
|------------------------------------------------------------|----------------------|-----------------|----|------------------|-------|-----------------------------|----|--------------------------|------------------|----|---|------------------|----------------------------|-----------------------------------------------------------|----------|-----|----|----|----------|------|-----------------------------|-------------------------|----------------------------------|------|--|
|                                                            |                      | mm              | t  | q                | t     | C                           | Si | Mn                       | P                | S  | V | Ceq              | $R_m$                      |                                                           | $R_{eL}$ |     | A  |    | $A_{gt}$ |      | $R^o_m/R^o_{eL}$<br>(Rp0.2) |                         | $R^o_{eL}$ (Rp<br>0.2)/ $R_{eL}$ |      |  |
|                                                            |                      |                 |    |                  |       | $\times 10^{-2}$            |    |                          | $\times 10^{-3}$ |    |   | $\times 10^{-2}$ | MPa                        |                                                           | MPa      |     | %  |    |          |      |                             |                         |                                  |      |  |
| CB2412320                                                  | HRB400E              | 12              | 0  | 20               | 39.44 | 24                          | 42 | 95                       | 14               | 30 | 0 | 42               | 610                        | 590                                                       | 460      | 455 | 20 | 20 | 15.3     | 12.0 | 1.33                        | 1.30                    | 1.15                             | 1.14 |  |
|                                                            |                      |                 |    |                  |       |                             |    |                          |                  |    |   |                  |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |
|                                                            |                      |                 |    |                  |       |                             |    |                          |                  |    |   |                  |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |
|                                                            |                      |                 |    |                  |       |                             |    |                          |                  |    |   |                  |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |
|                                                            |                      |                 |    |                  |       |                             |    |                          |                  |    |   |                  |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |
| 表面及外形尺寸                                                    |                      | 合格              |    | 冷弯180°           |       | D=4d 合格                     |    | 反弯 正90° 反20°             |                  |    |   | D=5d 合格          |                            | <div>浙江万泰特钢有限公司<br/>质检印章<br/>QUALITY SEAL<br/>质检专用章</div> |          |     |    |    |          |      |                             | 制单：周曼<br>审核：刘江<br>签发：李冰 |                                  |      |  |
| SURFACE AND SIZE                                           |                      | PASS            |    | BEND TEST        |       | PASS                        |    | REBEND TEST              |                  |    |   | PASS             |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |
| 备 注：无质量证明书专用章印记无效<br>REMARKS: INVALID WITHOUT QUALITY SEAL |                      |                 |    | 重量偏差             |       | 合格                          |    | 金相组织                     |                  |    |   | 合格               |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |
|                                                            |                      |                 |    | WEIGHT DEVIATION |       | PASS                        |    | METALLOGRAPHIC STRUCTURE |                  |    |   | PASS             |                            |                                                           |          |     |    |    |          |      |                             |                         |                                  |      |  |

尊敬的客户:用前先要验证,如有异议请保留实物并来函说明。  
FOR CUSTOMERS:TEST BEFORE USE,CLAIM FOR DISCREPANCIES WITH DEFAULT GOODS.

本公司已通过ISO9001质量体系认证  
APPROVED BY ISO9001