

## 产品质量证明书 INSPECTION CERTIFICATE



上海市宝山区富锦路885号 邮编 201900 NO.885 FUJIN ROAD, BAOSHAN DISTRICT

SHANGHAI, P. R. CHINA 201900

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制造厂: 总部厚板线NO.1

Manufacturer: CORE BASE PLATE LINE NO.1

|            | 丁货单位<br>CUSTOMER           | 上海宝钢钢材贸易有限公司     |   |   |        |                    |                       |                                |              |         |                                      |        |          |         |        | 产品名称<br>PRODUCT       |   |                     |                | 厚板 STEEL PLATE       |               |       |                        |                                |       |                     |            |               |        |                          |       |        |        |                |         |      |
|------------|----------------------------|------------------|---|---|--------|--------------------|-----------------------|--------------------------------|--------------|---------|--------------------------------------|--------|----------|---------|--------|-----------------------|---|---------------------|----------------|----------------------|---------------|-------|------------------------|--------------------------------|-------|---------------------|------------|---------------|--------|--------------------------|-------|--------|--------|----------------|---------|------|
|            | 收货单位<br>PURCHASE           | 大连中沅海沅川崎船舶工程有限公司 |   |   |        |                    |                       |                                |              |         |                                      |        |          |         | 南本江苏桥口 |                       |   | DE1                 | DE105-106-KBGB |                      |               |       | 证书号<br>CERTIFICATE NO. |                                |       |                     | P610041332 |               |        |                          |       |        |        |                |         |      |
|            | 标准                         | DNV GL VL A      |   |   |        |                    |                       |                                |              |         |                                      |        |          |         |        | 签发日期<br>DATE OF ISSUE |   |                     |                | 2020/09/12           |               |       |                        | 一贯管理番号<br>CUSTOMER PRODUCT NO. |       |                     |            | DE105-106WKJB |        |                          |       |        |        |                |         |      |
|            | SPECIFICAT                 | ION              |   |   |        |                    |                       |                                |              |         |                                      |        |          |         |        |                       |   | 许可证号<br>LICENSE NO. |                |                      |               |       |                        |                                |       | 合同号<br>CONTRACT NO. |            |               | D.     | J0E0061697               |       |        |        |                |         |      |
| 序          | 钢                          | 炉                | 规格 及 重量<br>MATERIAL DESCRIPTION             |   |        |                    |                       | 化学成分<br>CHEMICAL COMPOSITION % |              |         |                                      |        |          |         |        |                       |   | 试                   |                | 拉伸试验<br>TENSILE TEST |               |       | 验<br>EST               |                                |       | 冲击试验<br>IMPACT TEST |            |               | ST     |                          |       |        |        | <br>方向性能<br>*8 |         | 交货   |
| 号          | 板<br>号                     | 号                | 尺寸 Dimension<br>mm<br>厚度 THICKNESS<br>28.00 |   | 量      | 重量<br>MASS         | 分析区                   | C 2                            | Si<br>2      | Mn<br>2 | P 3                                  | S<br>3 | Ceq<br>2 | Ti<br>3 | Als    |                       |   | 试样热处理               | 置              | Y.8                  | ′.S. T.S      | S. EI | 伸长 RA<br>EL *5         | *6                             | — 'n  |                     |            | 试样宽度=         |        | mm *7<br>冲击功<br>ENERGY J |       | 断面     | 新面收    | 似缩率 %          |         | 交货状态 |
| NO.        | PLATE<br>NO.               | HEAT<br>NO.      |   |   | QTY    | QTY (kg)           |                       | 1                              |              |         |                                      |        |          |         |        |                       | +-  | *2                  | 向<br>*3        | ReH                  | MPa %         |       | 1 *4                   | 一<br>*3                        | TEMF  |                     | ABSORBED E |               | 3 AVE. |                          | 1     | 2      | 3      | AV             | E. *9   |      |
|            |                            |                  | 宽度 长度 WIDTH LENGTH                          |   |        |                    |                       |                                |              |         | 2=X100 3=X1000 4=X10000<br>5=X100000 |        |          |         | 0      |                       | MIN<br>MAX  |                     |                |                      |               |       |                        |                                |       |                     |            |               |        |                          |       |        |        |                |         |      |
| 1          | 0909078200<br>Test Lot No: | 10410241         | 2000  | 8000  | 1      | 3517               | 7   L                 | 14                             | 17           | 82      | 18                                   | 7      | 28       | 10      | 23     |                       |   |                     |                |                      | 7 44<br>33200 | 2 3:  | 3                      |                                |       |                     |            |               |        |                          |       |        |        |                |         | AR   |
| 超声<br>U.T. |                            | 弯曲 d=<br>BEND TE |   |   |        |                    | ACCEPTABLE DIMENSIONS |                                |              |         |                                      |        |          |         |        |                       |   |                     |                |                      |               |       |                        |                                |       |                     |            |               |        |                          |       |        |        |                |         |      |
|            | 合计 Total                   |                  | 1   |   |        | 3517 KG            |                       |                                |              |         |                                      |        |          |         |        |                       |   |                     |                |                      |               |       |                        |                                |       |                     |            |               |        |                          |       |        |        |                |         |      |
|            | 备注<br>REMARKS              | i                |   |   |        |                    |                       |                                |              |         |                                      |        |          |         |        |                       |   |                     |                |                      |               |       |                        |                                |       |                     |            |               |        |                          |       |        |        |                | N142    | 0B40 |
|            | 注 释<br>NOTES               |                  | Z = 板厚<br>*5 断面收                            | 分ANALY<br>方向 THR<br>ス缩率 REI<br>态CONDIT<br>+Mn/6   | OUGH   | I-THICK<br>ON OF A | <. 1 =<br>AREA        | 近表面<br>*6 YR                   | NEAR<br>= 屈强 | THE S   | URFAC<br>LD RAT                      | E. 2   | = 1/2 厚  | 度 TF    | HICKNE | SS. 3 =               | 1/3 厚月  | 度 THI               | CKN            | IESS.                | 4 = 1/-       | 1厚度   | THICK                  | NESS.                          | *4 标距 | G.L. = 0            | GAUGI      | LENG          | STH: 矢 | 电形试验                     | 片 REC | CTANGL | ULAR L | .1=5.65SC      | QRT(S。) |      |
|            |                            |                  | We h  | ereby o   | certii | fv tha             | t th                  |                                |              |         |                                      |        |          |         | ‡在MS   |                       |   |                     |                |                      |               |       |                        |                                | lv in |                     |            |               |        |                          | Z     | hon    | Jos.   | 4              | More    | >    |
|            | <b>会验者</b><br>SURVEYOR TO  |                  |   | 兹证明上述材料符合DNVGL规范,并在MSA授权下签发(MSANo.MSA0000B2C-Rev.1)。 We hereby certify that the material has been made by an approved process and has been tested satisfactorily in accordance with DNV GL Rules and standards for classification. This certificate is issued in accordance with the survey arrangement authorized by DNV GL in MSA No. MSA0000B2C-Rev. 1, which is controlled by regular auditing. |        |                    |                       |                                |              |         |                                      |        |          |         |        |                       | ·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>· | GER                 | 包              | 底                    | 弘             |       |                        |                                |       |                     |            |               |        |                          |       |        |        |                |         |      |