

质量证明书

QUALITY CERTIFICATE

船名: PACIFIC CAREER

VESSEL NAME:

证书号: 2004-11-149

CERTIFICATE NO.:

供货状态: HOT ROLLED
CONDITION OF SUPPLY

收货单位: TO WHOM

JITMAY CONCERN

秦皇岛首钢板材有限公司

QINHUANGDAO SHOUJANG PLATE MILL CO.LTD

地址: 中国秦皇岛

品名: HOT ROLLED STEEL PLATE WITH CUT EDGES

NAME OF ARTICLE:

ADDRESS: QINHUANGDAO CHINA

技术条件: ASTM A36, A6
TECHNICAL CONDITION

ORIGINAL

| STEEL GRADE | BATCH NO. | HEAT NO. | DIMENSION (MM) | | | PIECES | NET WEIGHT TON | CHEMICAL COMPOSITION | | | | | 屈服点 Y.S. Mpa | 抗拉强度 T.S. Mpa | 伸长率 E.L. % | 表面质量 | | | |
|-------------|-----------|----------|----------------|------|------|--------|----------------|----------------------|----|----|----|----|--------------|---------------|------------|------|--|--|--|
| | | | 厚度 | 宽度 | 长度 | | | C | SI | Mn | P | S | | | | | | | |
| A36 | P23962 | 1H442141 | 38.10 | 2439 | 6096 | 3 | 13.341 | 18 | 20 | 64 | 20 | 18 | 255 | 460 | 34 | OK | | | |
| A36 | P23963 | 1H442142 | 38.10 | 2439 | 6096 | 5 | 22.235 | 17 | 20 | 75 | 19 | 12 | 270 | 465 | 31 | OK | | | |
| A36 | P24096 | 1H412491 | 38.10 | 2439 | 6096 | 4 | 17.788 | 17 | 24 | 79 | 35 | 14 | 320 | 485 | 30 | OK | | | |
| A36 | P24098 | 1H412493 | 38.10 | 2439 | 6096 | 5 | 22.315 | 18 | 24 | 79 | 23 | 17 | 240 | 450 | 34 | OK | | | |
| A36 | P24096 | 1H412491 | 38.10 | 2439 | 6096 | 6 | 26.682 | 17 | 24 | 79 | 35 | 14 | 320 | 485 | 30 | OK | | | |
| A36 | P24097 | 1H412492 | 38.10 | 2439 | 6096 | 9 | 40.023 | 17 | 24 | 79 | 25 | 17 | 245 | 450 | 31 | OK | | | |
| A36 | P24078 | 1H432041 | 25.40 | 1829 | 6096 | 4 | 8.892 | 16 | 22 | 67 | 23 | 19 | 250 | 435 | 28 | OK | | | |
| A36 | P24079 | 1H432042 | 25.40 | 1829 | 6096 | 15 | 33.345 | 17 | 26 | 67 | 23 | 16 | 270 | 445 | 28 | OK | | | |
| A36 | P24099 | 1H412494 | 38.10 | 2439 | 6096 | 2 | 8.894 | 17 | 23 | 79 | 35 | 28 | 240 | 455 | 34 | OK | | | |
| A36 | P24100 | 1H412495 | 38.10 | 2439 | 6096 | 10 | 44.470 | 17 | 24 | 79 | 23 | 14 | 235 | 465 | 30 | OK | | | |
| A36 | P24233 | 1H432051 | 22.20 | 1829 | 6096 | 12 | 23.316 | 19 | 23 | 68 | 30 | 12 | 235 | 425 | 30 | OK | | | |
| A36 | P24234 | 1H432052 | 22.20 | 1829 | 6096 | 17 | 33.031 | 16 | 23 | 66 | 20 | 23 | 245 | 450 | 28 | OK | | | |
| A36 | P24236 | 1H432054 | 22.20 | 1829 | 6096 | 9 | 17.487 | 18 | 25 | 64 | 20 | 18 | 255 | 435 | 28 | OK | | | |
| A36 | P24101 | 1H412496 | 38.10 | 2439 | 6096 | 10 | 44.470 | 16 | 21 | 75 | 33 | 12 | 270 | 460 | 29 | OK | | | |
| 合计 | | | | | | 111 块 | 356.209 吨 | | | | | | | | | TON | | | |
| TOTAL | | | | | | PIECES | TON | | | | | | | | | | | | |

制表: TABULATOR

审核: CHECK

日期: 2004年11月09日
DATE

Sheng

CERTIFICADO DE CALIDAD

FECHA: Diciembre 21, 2004

NÚMERO: 0000264867

CLIENTE: Placa y Lámina

IDENTIFICACIÓN: Barra Redonda 1 1/4 a 20'

COLADA: 46559614

Nº DE ROLLO: N/A

ANÁLISIS QUÍMICO

| | |
|-----|-------|
| C: | 0.170 |
| Si: | 0.180 |
| Mn: | 0.690 |
| P: | 0.034 |
| S: | 0.017 |
| Cr: | |
| Mo: | |

| | |
|------|--|
| Ni: | |
| Cu: | |
| Nb: | |
| Sn: | |
| Ti: | |
| V: | |
| ALT: | |

ENSAYO A LA TENSIÓN

ESFUERZO DE CEDENCIA

ÚLTIMO ESFUERZO

% DE ALARGAMIENTO

| | | |
|-----------|-----------|------|
| 303 N/mm2 | 443 N/mm2 | 28.9 |
|-----------|-----------|------|

GRADO DE ACERO

ASTM A-36

LAMINA Y PLACA COMERCIAL CON EL RESPALDO DEL LABORATORIO DE CENTROS DE SERVICIO CERTIFICA QUE LOS RESULTADOS PRESENTADOS SON CORRECTOS Y SE ENCUENTRAN DEBIDAMENTE ARCHIVADOS EN NUESTRO LABORATORIO.

Diego Diaz de Berlanga
LABORATORIO-C. DE CALIDAD.
CRLC - 03 REV. 01