


CERTIFIED MATERIAL TEST REPORT

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|--|--|---|--|---|--|--|--|---|--|-------------------------------------|--|
|  <p>US-ML-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA</p> | | <p>8415 CLINTON DR HOUSTON, TX 77029-3613 USA</p> | | <p>8415 CLINTON DRIVE HOUSTON, TX 77029 USA</p> | | <p>GRADE A36/A572-50</p> | | <p>SHAPE / SIZE Standard I-Beam / 12 X 31.8# / 310 K 47.3</p> | | <p>DOCUMENT ID: 0000899149</p> | |
| <p>SALES ORDER 12710573/000010</p> | | <p>CUSTOMER MATERIAL N°</p> | | <p>LENGTH 40'00"</p> | | <p>PCS 6</p> | | <p>WEIGHT 7,632 LB</p> | | <p>HEAT / BATCH 59099907/02</p> | |
| <p>CUSTOMER PURCHASE ORDER NUMBER SSW133873</p> | | <p>BILL OF LADING 1327-0000514838</p> | | <p>DATE 02/22/2023</p> | | <p>SPECIFICATION / DATE OF REVISION ASME SA36 ASTM A572-21 ASTM A6-17, A36-14 ASTM A709-18</p> | | | | | |

| CHEMICAL COMPOSITION | | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo (%) | Sn (%) | V (%) | Nb (%) | Al (%) | CEqvA5 (%) |
|----------------------|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|------------|
| C (%) | 0.09 | 0.013 | 0.019 | 0.22 | 0.28 | 0.09 | 0.18 | 0.025 | 0.004 | 0.001 | 0.016 | 0.001 | 0.31 |

| MECHANICAL PROPERTIES | | YS (MPa) | UTS (MPa) | G/L (Inches) | G/L (mm) | Elong. (%) |
|-----------------------|-------|----------|-----------|--------------|----------|------------|
| YS 0.2% (PSI) | 56578 | 390 | 510 | 8.000 | 200.0 | 21.40 |
| | 56075 | 387 | 507 | 8.000 | 200.0 | 23.10 |

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdaul possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

Maskay
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Wade A. Hill
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