



**CERTIFIED MATERIAL TEST REPORT**

US-ML-MIDLOTHIAN  
 300 WARD ROAD  
 MIDLOTHIAN, TX 76065  
 USA

|   |  |                                   |  |                      |  |                            |
|---|--|-----------------------------------|--|----------------------|--|----------------------------|
| SALES ORDER<br>13287681/000010  |  | CUSTOMER MATERIAL N°              |  | GRADE<br>A36/A572-50 | SHAPE / SIZE<br>Standard I-Beam / 4 X 9.5# / 100 X<br>14.1 | DOCUMENT ID:<br>0000987815 |
|   |  |                                   |  | LENGTH<br>60'00"     | PCS<br>20  | WEIGHT<br>11,400 LB        |
| CUSTOMER PURCHASE ORDER NUMBER<br>SSW137891   |  | BILL OF LADING<br>1327-0000542995 |  | DATE                 |  |                            |
| SPECIFICATION / DATE or REVISION<br>ASME SA36<br>ASTM A572-21<br>ASTM A6-17, A36-14<br>ASTM A709-18 |  |                                   |  |                      |  |                            |

| CHEMICAL COMPOSITION |        |       |       |        |        |        |        |       |        |       |        |        |            |
|----------------------|--------|-------|-------|--------|--------|--------|--------|-------|--------|-------|--------|--------|------------|
| C (%)                | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo(%) | Sn (%) | V (%) | Nb (%) | Al (%) | CEqvA6 (%) |
| 0.10                 | 0.87   | 0.013 | 0.028 | 0.21   | 0.31   | 0.09   | 0.19   | 0.021 | 0.007  | 0.002 | 0.014  | 0.002  | 0.31       |

| MECHANICAL PROPERTIES |  | UTS (PSI) |  | YS (MPa) |  | UTS (MPa) |  | G/L (Inches) |  | G/L (mm) |  | Elong. (%) |  |
|-----------------------|--|-----------|--|----------|--|-----------|--|--------------|--|----------|--|------------|--|
| YS 0.2% (PSI)         |  |           |  |          |  |           |  |              |  |          |  |            |  |
| 52333                 |  | 68031     |  | 361      |  | 469       |  | 8.000        |  | 200.0    |  | 25.40      |  |
| 52096                 |  | 68308     |  | 359      |  | 471       |  | 8.000        |  | 200.0    |  | 25.00      |  |

COMMENTS / NOTES

Gerdaus steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto:metalsrecycling@gerdau.com).

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 Gerdau 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.

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