

Bill To:
SIDERTUL SA DE CV
RFC# SID930918KRO
AVENIDA PRESIDENTE MASARYK
MEXICO CITY DF
11570 MX

Ship To: 1
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date: 03/31/2010
PO No: GERDAU CORSA
Mill Order No: 3720115
Load No: 1320206
Manifest No: 2019419

CERTIFIED MATERIAL TEST REPORT
GERDAU AMERISTEEL
Midlothian Mill
300 Ward Road
Midlothian, TX 76065
(972) 775-8241

SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

| SIZE | GRADE | LENGTH | PRODUCT |
|-------------------------|------------|------------------|----------|
| W 24 X 76# / W610 X 113 | 992/572-50 | 40 FT / 12.192 M | WF BEAMS |

HEAT NO: 22553460

CHEMICAL ANALYSIS

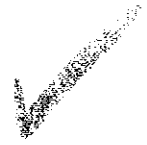
| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| .10 | .93 | .011 | .021 | .26 | .38 | .11 | .13 | .036 | .012 | .002 | .003 | .020 | .32 |

PHYSICAL PROPERTIES

| <u>Yield Strength</u> | | <u>Tensile Strength</u> | | <u>Specimen Area</u> | | <u>Elongation</u> | | <u>Bend Test</u> | <u>ROA</u> |
|-----------------------|-------|-------------------------|-------|----------------------|-------|-------------------|-------------|------------------|------------|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | % | Gage Length | Dia. Result | % |
| 57.4 | 395.8 | 75.6 | 521.2 | 1.020 | 6.58 | 24.6 | 8 In 200 mm | | |
| 56.1 | 386.8 | 74.2 | 511.6 | 0.988 | 6.37 | 23.7 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS
.76



All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. CMTR complies with EN 10204 3.1

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Signed: Tom L. Harrington Date: Aug. 02, 2010
Tom L. Harrington: Quality Assurance Manager

Signed: _____ Date: _____
Notary Public (if applicable)

Page: 1 of 6

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SPECIFICATIONS
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| SIZE | GRADE | LENGTH | PRODUCT |
|-------------------------|------------|------------------|----------|
| W 24 X 76# / W610 X 113 | 992/572-50 | 40 FT / 12.192 M | WF BEAMS |

HEAT NO: 22553470

CHEMICAL ANALYSIS

| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|----|
| .08 | .94 | .010 | .030 | .27 | .34 | .09 | .12 | .030 | .011 | .002 | .003 | .021 | .3 |

PHYSICAL PROPERTIES

| <u>Yield Strength</u> | | <u>Tensile Strength</u> | | <u>Specimen Area</u> | | <u>Elongation</u> | | <u>Bend Test</u> | <u>ROA</u> |
|-----------------------|-------|-------------------------|-------|----------------------|-------|-------------------|-------------|------------------|------------|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | % | Gage Length | Dia. Result | % |
| 55.8 | 384.7 | 73.9 | 509.5 | 0.965 | 6.23 | 24.0 | 8 In 200 mm | | |
| 57.1 | 393.7 | 74.3 | 512.3 | 0.988 | 6.37 | 24.7 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.76 .77

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(972) 775-8241



SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

| | | | |
|-------------------------|------------|------------------|----------|
| SIZE | GRADE | LENGTH | PRODUCT |
| W 24 X 76# / W610 X 113 | 992/572-50 | 40 FT / 12.192 M | WF BEAMS |

HEAT NO: 22553690

CHEMICAL ANALYSIS

| | | | | | | | | | | | | | |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
| .07 | .93 | .007 | .027 | .24 | .29 | .12 | .09 | .039 | .009 | .002 | .003 | .018 | .28 |

PHYSICAL PROPERTIES

| <u>Yield Strength</u> | | <u>Tensile Strength</u> | | <u>Specimen Area</u> | | <u>Elongation</u> | | <u>Bend Test</u> | <u>ROA</u> |
|-----------------------|-------|-------------------------|-------|----------------------|-------|-------------------|-------------|------------------|------------|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | % | Gage Length | Dia. Result | % |
| 55.6 | 383.3 | 72.3 | 498.5 | 0.937 | 6.05 | 25.7 | 8 In 200 mm | | |
| 55.8 | 384.7 | 71.4 | 492.3 | 0.994 | 6.41 | 25.1 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS YLD/TENS

.77 .78



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(972) 775-8241

SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

| | | | |
|-------------------------|------------|------------------|----------|
| SIZE | GRADE | LENGTH | PRODUCT |
| W 24 X 76# / W610 X 113 | 992/572-50 | 40 FT / 12.192 M | WF BEAMS |

HEAT NO: 22553820

CHEMICAL ANALYSIS

| | | | | | | | | | | | | | |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
| .07 | .92 | .019 | .017 | .25 | .34 | .10 | .11 | .037 | .013 | .002 | .004 | .019 | .28 |

PHYSICAL PROPERTIES

| <u>Yield Strength</u> | | <u>Tensile Strength</u> | | <u>Specimen Area</u> | | <u>Elongation</u> | | <u>Bend Test</u> | <u>ROA</u> |
|-----------------------|-------|-------------------------|-------|----------------------|-------|-------------------|-------------|------------------|------------|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | % | Gage Length | Dia. Result | % |
| 54.2 | 373.7 | 70.7 | 487.5 | 0.990 | 6.39 | 24.3 | 8 In 200 mm | | |
| 55.8 | 384.7 | 71.7 | 494.4 | 0.949 | 6.12 | 24.1 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.77 .78



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SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

| | | | |
|-------------------------|------------|------------------|----------|
| SIZE | GRADE | LENGTH | PRODUCT |
| W 24 X 76# / W610 X 113 | 992/572-50 | 40 FT / 12.192 M | WF BEAMS |

HEAT NO: 22553840

CHEMICAL ANALYSIS

| | | | | | | | | | | | | | |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
| .08 | .92 | .008 | .035 | .26 | .31 | .13 | .08 | .041 | .014 | .002 | .003 | .018 | .29 |

PHYSICAL PROPERTIES

| <u>Yield Strength</u> | | <u>Tensile Strength</u> | | <u>Specimen Area</u> | | <u>Elongation</u> | | <u>Bend Test</u> | <u>ROA</u> |
|-----------------------|-------|-------------------------|-------|----------------------|-------|-------------------|-------------|------------------|------------|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | % | Gage Length | Dia. Result | % |
| 56.7 | 390.9 | 74.0 | 510.2 | 0.994 | 6.41 | 24.9 | 8 In 200 mm | | |
| 54.2 | 373.7 | 72.0 | 496.4 | 0.962 | 6.21 | 25.5 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.75 .77



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SPECIFICATIONS
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| | | | |
|-------------------------|------------|------------------|----------|
| SIZE | GRADE | LENGTH | PRODUCT |
| W 24 X 76# / W610 X 113 | 992/572-50 | 40 FT / 12.192 M | WF BEAMS |

HEAT NO: 22553860

CHEMICAL ANALYSIS

| | | | | | | | | | | | | | |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|----|
| C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Sn | V | Al | Nb | CE |
| .08 | .94 | .010 | .027 | .25 | .34 | .12 | .10 | .039 | .015 | .002 | .003 | .019 | .3 |

PHYSICAL PROPERTIES

| <u>Yield Strength</u> | | <u>Tensile Strength</u> | | <u>Specimen Area</u> | | <u>Elongation</u> | | <u>Bend Test</u> | <u>ROA</u> |
|-----------------------|-------|-------------------------|-------|----------------------|-------|-------------------|-------------|------------------|------------|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | % | Gage Length | Dia. Result | % |
| 55.7 | 384.0 | 73.0 | 503.3 | 0.995 | 6.42 | 25.3 | 8 In 200 mm | | |
| 54.3 | 374.4 | 72.0 | 496.4 | 0.960 | 6.19 | 24.9 | 8 In 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS

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