

Bill To:  
GERDAU CORSA S A P I DE CV  
KM 3 CARRETERA MEXICO-  
CD SAHAGUN S/N  
SAHAGUN HG  
43990 MX

Ship To: 1  
GERDAU CORSA S A P I DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER  
LAREDO TX  
78045 US

Order Date:02/10/2012  
PO No:4500115755  
Mill Order No:4002382  
Load No:1431579  
Manifest No:2124288

**CERTIFIED MATERIAL TEST REPORT**

**GERDAU AMERISTEEL**  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972)775-8241

SPECIFICATIONS  
ASTM A6-09, A992-06a, A572-07

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

PRODUCT  
WF BEAMS

HEAT NO: 11952230

CHEMICAL ANALYSIS

|     |     |      |      |     |     |     |     |      |      |      |      |      |    |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|----|
| C   | Mn  | P    | S    | Si  | Cu  | Ni  | Cr  | Mo   | Sn   | V    | Al   | Nb   | CE |
| .08 | .93 | .014 | .032 | .21 | .34 | .08 | .13 | .028 | .007 | .002 | .003 | .025 | .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 | 72.8                    | 501.9 | 1.012                | 6.53  | 24.8              | 8 In 200 mm |                  |            |
| 54.9                  | 378.5 | 71.8                    | 495.0 | 0.989                | 6.38  | 25.4              | 8 In 200 mm |                  |            |

TENSILE TEST RATIOS

|          |          |          |          |
|----------|----------|----------|----------|
| YLD/TENS | TENS/YLD | YLD/TENS | TENS/YLD |
| .77      | 1.3      | .76      | 1.31     |

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

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Mar. 09, 2012  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_  
Notary Public (if applicable)

Date: \_\_\_\_\_  
Page: 1 of 7

Bill To:  
GERDAU CORSA S A P I DE CV  
KM 3 CARRETERA MEXICO-  
CD SAHAGUN S/N  
SAHAGUN HG  
43990 MX

Ship To: 1  
GERDAU CORSA S A P I DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER  
LAREDO TX  
78045 US

Order Date:02/10/2012  
PO No:4500115755  
Mill Order No:4002382  
Load No:1431579  
Manifest No:2124288

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

SPECIFICATIONS  
ASTM A6-09, A992-06a, A572-07

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

HEAT NO: 22636990

CHEMICAL ANALYSIS

|     |     |      |      |     |     |     |     |      |      |      |      |      |     |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| C   | Mn  | P    | S    | Si  | Cu  | Ni  | Cr  | Mo   | Sn   | V    | Al   | Nb   | CE  |
| .07 | .93 | .014 | .020 | .24 | .36 | .11 | .14 | .034 | .008 | .002 | .003 | .021 | .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      | %          |
| 56.0                  | 386.1 | 73.4                    | 506.1 | 1.012                | 6.53  | 24.9              | 8 In 200 mm |                  |            |
| 56.4                  | 388.9 | 73.5                    | 506.8 | 1.021                | 6.59  | 26.6              | 8 In 200 mm |                  |            |

TENSILE TEST RATIOS

|          |          |          |          |
|----------|----------|----------|----------|
| YLD/TENS | TENS/YLD | YLD/TENS | TENS/YLD |
| .76      | 1.31     | .77      | 1.3      |

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Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Notary Public (if applicable)

Bill To:  
GERDAU CORSA S A P I DE CV  
KM 3 CARRETERA MEXICO-  
CD SAHAGUN S/N  
SAHAGUN HG  
43990 MX

Ship To: 1  
GERDAU CORSA S A P I DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER  
LAREDO TX  
78045 US

Order Date:02/10/2012  
PO No:4500115755  
Mill Order No:4002382  
Load No:1431579  
Manifest No:2124288

**CERTIFIED MATERIAL TEST REPORT**

**GERDAU AMERISTEEL**  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972)775-8241

SPECIFICATIONS  
ASTM A6-09, A992-06a, A572-07

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

PRODUCT  
WF BEAMS

HEAT NO: 2263659M

CHEMICAL ANALYSIS

|     |     |      |      |     |     |     |     |      |      |      |      |      |     |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| C   | Mn  | P    | S    | Si  | Cu  | Ni  | Cr  | Mo   | Sn   | V    | Al   | Nb   | CE  |
| .07 | .91 | .014 | .031 | .25 | .27 | .08 | .11 | .029 | .008 | .002 | .003 | .020 | .27 |

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      | %          |
| 55.9                  | 385.4 | 73.6                    | 507.5 | 0.996                | 6.43  | 26.6              | 8 In 200 mm |                  |            |
| 54.7                  | 377.1 | 72.9                    | 502.6 | 0.996                | 6.43  | 25.5              | 8 In 200 mm |                  |            |

TENSILE TEST RATIOS

|          |          |          |          |
|----------|----------|----------|----------|
| YLD/TENS | TENS/YLD | YLD/TENS | TENS/YLD |
| .76      | 1.32     | .75      | 1.33     |

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Notary Public (if applicable)

Date: \_\_\_\_\_  
Page: 5 of 7

Bill To:  
 GERDAU CORSA S A P I DE CV  
 KM 3 CARRETERA MEXICO-  
 CD SAHAGUN S/N  
 SAHAGUN HG  
 43990 MX

Ship To: 1  
 GERDAU CORSA S A P I DE CV  
 402 GRAND CENTRAL BLVD  
 MILO DISTRIBUTION CENTER  
 LAREDO TX  
 78045 US

Order Date:02/10/2012  
 PO No:4500115755  
 Mill Order No:4002382  
 Load No:1431579  
 Manifest No:2124288

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

SPECIFICATIONS  
 ASTM A6-09, A992-06a, A572-07

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

PRODUCT  
 WF BEAMS

HEAT NO: 2262089M

CHEMICAL ANALYSIS

|     |     |      |      |     |     |     |     |      |      |      |      |      |     |
|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|
| C   | Mn  | P    | S    | Si  | Cu  | Ni  | Cr  | Mo   | Sn   | V    | Al   | Nb   | CE  |
| .07 | .89 | .014 | .025 | .24 | .33 | .08 | .12 | .029 | .008 | .002 | .003 | .020 | .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      | %          |
| 55.2                  | 380.6 | 72.9                    | 502.6 | 0.999                | 6.45  | 25.2              | 8 In 200 mm |                  |            |
| 55.4                  | 382.0 | 73.1                    | 504.0 | 0.978                | 6.31  | 26.0              | 8 In 200 mm |                  |            |

TENSILE TEST RATIOS

|          |          |          |          |
|----------|----------|----------|----------|
| YLD/TENS | TENS/YLD | YLD/TENS | TENS/YLD |
| .76      | 1.32     | .76      | 1.32     |

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