

Bill To:  
 SIDERTUL SA DE CV  
 RFC# SID930918KRO  
 AVENIDA PRESIDENTE MASARYK  
 MEXICO CITY DF  
 L1570 MX

Ship To: 5  
 SIDERTUL SA DE CV  
 402 GRAND CENTRAL BLVD  
 MILO DISTRIBUTION CENTER  
 LAREDO TX  
 78045 US

Order Date:09/15/2010  
 PO No:19542  
 Mill Order No:3785055  
 Load No:1333846  
 Manifest No:2032452

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



SIZE: W 16 X 45# / W410 X 67  
 GRADE: 992/572-50  
 LENGTH: 40 FT / 12.192 M  
 PRODUCT: WF BEAMS

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

HEAT NO: 22564600

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.85	.009	.039	.22	.38	.19	.10	.033	.017	.002	.003	.017	.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	%
58.0	399.9	75.7	521.9	0.789	5.09	23.5	8 In 200 mm		
58.5	403.3	76.9	530.2	0.760	4.90	23.6	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS  
 .76 .77

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: Oct. 08, 2010  
 Tom L. Harrington: Quality Assurance Manager

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

Date: \_\_\_\_\_

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

Ship To: 5  
SIDERTUL SA DE CV  
402 GRAND CENTRAL BLVD  
MILO DISTRIBUTION CENTER TX  
LAREDO TX  
78045 US

Order Date: 09/15/2010  
PO No: 19542  
Mill Order No: 3785055  
Load No: 1333846  
Manifest No: 2032452

**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: W 16 X 45# / W410 X 67      GRADE: 992/572-50      LENGTH: 40 FT / 12.192 M      PRODUCT: WF BEAMS

HEAT NO: 22564620

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.88	.008	.025	.27	.33	.10	.10	.030	.013	.001	.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	%
55.6	383.3	72.8	501.9	0.787	5.08	23.8	8 In 200 mm			
55.0	379.2	72.4	499.2	0.776	5.01	23.6	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

"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: Oct. 08, 2010  
Tom L. Harrington: Quality Assurance Manager

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

Date: \_\_\_\_\_