

Bill To:
SIDERTUL SA DE CV
RFC# SID930918KR0
AVENIDA PRESIDENTE MASARYK
MEXICO CITY DF
11570 MX

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

Order Date:02/03/2011
PO No:4500000570
Mill Order No:3855532
Load No:1375030
Manifest No:2071356

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

SPECIFICATIONS SIZE GRADE LENGTH PRODUCT
ASTM A6-09, A992-06a, A572-07 W 16 X 45# / W410 X 67 992/572-50 40 FT / 12.192 M WF BEAMS

HEAT NO: 22591010

<u>CHEMICAL ANALYSIS</u>													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.06	.91	.014	.015	.24	.37	.09	.14	.029	.011	.002	.003	.018	.28

<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	%
56.4	388.9	72.1	497.1	0.776	5.01	25.5	8 In 200 mm		
55.9	385.4	71.7	494.4	0.780	5.03	25.9	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.78	1.28	.78	1.28

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: May 13, 2011
Tom L. Harrington: Quality Assurance Manager


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

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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: 22591020

<u>CHEMICAL ANALYSIS</u>													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.86	.012	.023	.25	.37	.09	.13	.028	.008	.002	.002	.018	.28

<u>PHYSICAL PROPERTIES</u>										
<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	71.9	495.7	0.811	5.23	26.3	8 In	200 mm		
56.0	386.1	72.3	498.5	0.802	5.17	25.5	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.78	1.29	.77	1.29

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

SPECIFICATIONS SIZE GRADE LENGTH PRODUCT
ASTM A6-09, A992-06a, A572-07 W 16 X 45# / W410 X 67 992/572-50 40 FT / 12.192 M WF BEAMS

HEAT NO: 22591050

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.90	.011	.022	.27	.33	.10	.12	.029	.009	.002	.003	.019	.28

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result		%
56.7	390.9	73.1	504.0	0.777	5.01	26.4	8 In 200 mm			
56.1	386.8	72.6	500.6	0.773	4.99	27.0	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.78	1.29	.77	1.29

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