

Bill To:
 SIDERTUL SA DE CV
 RFC# SID930918KR0
 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:10/20/2010
 PO No:20304
 Mill Order No:3798336
 Load No:1347960
 Manifest No:2045464

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 12 X 19# / W310 X 28.3
 GRADE 992/572-50
 LENGTH 40 FT / 12.192 M

PRODUCT
 WF BEAMS

HEAT NO: 11908060

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.86	.011	.018	.21	.26	.08	.15	.029	.008	.002	.003	.014	.29

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	%	
59.8	412.3	76.6	528.1	0.347	2.24	24.0	8 In	200 mm		
57.7	397.8	75.3	519.2	0.340	2.19	24.1	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
 .77 .78

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: Dec. 29, 2010
 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

SIZE GRADE LENGTH PRODUCT
W 12 X 19# / W310 X 28.3 992/572-50 40 FT / 12.192 M WF BEAMS

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

HEAT NO: 22570900

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.94	.016	.041	.24	.38	.10	.14	.031	.013	.002	.004	.018	.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	%
60.4	416.4	76.7	528.8	0.341	2.20	23.1	8 In	200 mm		
61.8	426.1	77.4	533.7	0.337	2.17	22.7	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS

.79 .8

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Page: 2 of 2