

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:08/04/2010
PO No:A-00018396-GC
Mill Order No:3764269
Load No:1327820
Manifest No:2027436

CERTIFIED MATERIAL TEST REPORT
GERDAU AMERISTEEL
Petersburg Mill
25801 Hofheimer Way
Petersburg, VA 23803
(804)524-2855



SPECIFICATIONS

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

SIZE GRADE LENGTH
W 14 X 90# / W360 X 134 992/572-50 40 FT / 12.192 M

PRODUCT
WF BEAMS

HEAT NO: 30504110

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.17	.009	.027	.26	.34	.10	.12	.015	.012	.003	.003	.019	.33

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	%
54.3	374.4	71.8	495.0	1.059	6.83	27.0	8 In 200 mm			
61.4	423.3	78.2	539.2	1.070	6.90	25.5	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS

.76 .79

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: Sep. 10, 2010
Tom L. Harrington: Quality Assurance Manager

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

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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 90# / W360 X 134	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30504120

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.17	.010	.033	.23	.36	.10	.11	.015	.012	.003	.003	.021	.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	%
59.6	410.9	77.8	536.4	1.088	7.02	23.0	8 In 200 mm		
58.1	400.6	73.8	508.8	1.075	6.94	25.1	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.77 .79

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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 90# / W360 X 134	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30504130

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.19	.012	.032	.25	.35	.10	.13	.015	.013	.003	.003	.023	.34

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	%
54.9	378.5	69.0	475.7	1.095	7.06	26.1	8 In 200 mm			
57.5	396.4	73.2	504.7	1.073	6.92	26.8	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.78 .8

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