


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:03/31/2010
PO No:GERDAU CORSA
Mill Order No:3720115
Load No:1320206
Manifest No:2019419

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


SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

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

HEAT NO: 22553460

<u>CHEMICAL ANALYSIS</u>													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.10	.93	.011	.021	.26	.38	.11	.13	.036	.012	.002	.003	.020	.32

<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	%
57.4	395.8	75.6	521.2	1.020	6.58	24.6	8 In 200 mm		
56.1	386.8	74.2	511.6	0.988	6.37	23.7	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:  Date: Aug. 02, 2010
Tom L. Harrington: Quality Assurance Manager

Signed: _____ Date: _____
Notary Public (if applicable)
Page: 1 of 6

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Midlothian, TX 76065
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 GERDAU AMERISTEEL

SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

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

HEAT NO: 22553470

<u>CHEMICAL ANALYSIS</u>													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.94	.010	.030	.27	.34	.09	.12	.030	.011	.002	.003	.021	.3

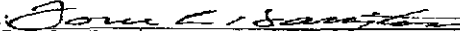
<u>Yield Strength</u>				<u>Tensile Strength</u>		<u>Specimen Area</u>		<u>Elongation</u>		<u>Bend Test</u>	<u>ROA</u>
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia.	Result	%	
55.8	384.7	73.9	509.5	0.965	6.23	24.0	8 In	200 mm			
57.1	393.7	74.3	512.3	0.988	6.37	24.7	8 In	200 mm			

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.76 .77

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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 24 X 76# / W610 X 113 992/572-50 40 FT / 12.192 M WF BEAMS

SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 22553690

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.93	.007	.027	.24	.29	.12	.09	.039	.009	.002	.003	.018	.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	72.3	498.5	0.937	6.05	25.7	8 In	200 mm		
55.8	384.7	71.4	492.3	0.994	6.41	25.1	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
.77 .78

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


SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

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

HEAT NO: 22553820

CHEMICAL ANALYSIS													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.92	.019	.017	.25	.34	.10	.11	.037	.013	.002	.004	.019	.28

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	%
54.2	373.7	70.7	487.5	0.990	6.39	24.3	8 In 200 mm		
55.8	384.7	71.7	494.4	0.949	6.12	24.1	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS

.77 .78

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

SPECIFICATIONS
 ASTM A6-05a, A992-06a, A572-06

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

HEAT NO: 22553840

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.92	.008	.035	.26	.31	.13	.08	.041	.014	.002	.003	.018	.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	%
56.7	390.9	74.0	510.2	0.994	6.41	24.9	8 In 200 mm		
54.2	373.7	72.0	496.4	0.962	6.21	25.5	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS YLD/TENS
 .75 .77

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