

Bill To:
SIDERTUL SA DE CV
FC# SID930918KR0
VENIDA PRESIDENTE MASARYK
EXICO CITY DF
1570 MX

Ship To: 1
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date: 03/09/2011
PO No: 4500000579
Mill Order No: 3866815
Load No: 1391430
Manifest No: 2086702

CERTIFIED MATERIAL TEST REPORT

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

SIZE GRADE LENGTH
6 X 8.20 CHANNELS / C 150 X A36/A57250 40 FT / 12.192 M

PRODUCT
CHANNELS

STM A6-09, A36-08, A572-07, A992-06a

HEAT NO: 11932120

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.86	.013	.021	.22	.27	.07	.12	.034	.010	.002	.002	.019	.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		%
61.2	422.0	76.7	528.8	0.285	1.84	23.5	8 In 200 mm			
59.3	408.9	75.4	519.9	0.289	1.86	22.5	8 In 200 mm			

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. MTR 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: Aug. 06, 2011
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____

Page: 1 of 3

Bill To:
 SIDERTUL SA DE CV
 PO# SID930918KRO
 AVENIDA PRESIDENTE MASARYK
 EXICO CITY DF
 1570 MX

Ship To: 1
 SIDERTUL SA DE CV
 402 GRAND CENTRAL BLVD
 MILO DISTRIBUTION CENTER
 LAREDO TX
 78045 US

Order Date: 03/09/2011
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 Mill Order No: 3866815
 Load No: 1391430
 Manifest No: 2086702

CERTIFIED MATERIAL TEST REPORT

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

DESCRIPTION: 6 X 8.20 CHANNELS / C 150 X A36/A57250
 LENGTH: 40 FT / 12.192 M
 PRODUCT: CHANNELS

HEAT NO: 11932130

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.013	.011	.23	.28	.08	.16	.054	.009	.002	.003	.016	.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	%
61.4	423.3	77.7	535.7	0.284	1.83	22.4	8 In 200 mm		
61.3	422.6	78.0	537.8	0.290	1.87	23.0	8 In 200 mm		

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. MTR 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: Aug. 06, 2011 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 2 of 3

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

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 SIDERTUL SA DE CV
 402 GRAND CENTRAL BLVD
 MILO DISTRIBUTION CENTER
 LAREDO TX
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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
 6 X 8.20 CHANNELS / C 150 X A36/A57250 40 FT / 12.192 M CHANNELS
 SPECIFICATIONS
 TM A6-09, A36-08, A572-07, A992-06a

EAT NO: 22599650

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.11	.84	.013	.033	.21	.37	.09	.10	.029	.011	.001	.002	.021	.31

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	%
61.3	422.6	79.0	544.7	0.290	1.87	22.7	8 In 200 mm		
61.9	426.8	79.3	546.8	0.290	1.87	21.4	8 In 200 mm		

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A.
 ATR complies with EN 10204 3.1

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 Tom L. Harrington: Quality Assurance Manager

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