

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:03/09/2011
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

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

ASTM 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

<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		%
61.2	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. 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: Aug. 06, 2011
Tom L. Harrington: Quality Assurance Manager

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

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

CERTIFIED MATERIAL TEST REPORT



GERDAU AMERISTEEL

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

SPECIFICATIONS
ASTM A6-09, A36-08, A572-07, A992-06a

SIZE	GRADE	LENGTH	PRODUCT
6 X 8.20 CHANNELS / C 150 X	A36/A57250	40 FT / 12.192 M	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. 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: Aug. 06, 2011
Tom L. Harrington: Quality Assurance Manager

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