Bill To: Ship To: 2 Order Date:06/05/2007 ACEROS Y TUBULARES DEL NOREST ACEROS Y TUBULARES DEL NOREST PO No:3RD-CO CONSTITUYENTES DE NUEVO LEON C/O CROSS BORDER SERVICES COL. LINDA VISTA

8502 EL GATO ROAD

Cu

.31

LAREDO

78045

Si

.20

Mill Order No:3323310 Load No:1151361 Manifest No:1861833

CERTIFIED MATERIAL TEST REPORT GERDAU AMERISTEEL

GERDAU AMERISTEEL

Midlothian Mill . 300 Ward Road Midlothian, TX 76065

(972)775-8241

SIZE

S

.040

NL

MX

GRADE W 10 X 45# / W250 X 67 992/572-50

Νi

.10

LENGTH 40 FT / 12.192 M

.022

.33

PRODUCT WF BEAMS

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

Mn

.95

GUADALUPE

SPECIFICATIONS

C

.12

HEAT NO: 22434180

67130

.007

CHEMICAL ANALYSIS

.010

Мо Sn V Al Nb CE

.005

PHYSICAL PROPERTIES

.001

Yield Strength		Tensile Strength		Specimen Area		Elongation			Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	00	Gage Ler	ngth	Dia. Result	
54.9	378.5	73.3	505.4	0.890	5.74	23.9	8 In	200 mm		
55.7	384.0	75.6	521.2	0.883	5.70	24.5	8 In	200 mm		

.034

TX

US

Cr

.11

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"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."

Tom L. Harrington: Quality Assurance Manager Signed: Date: Notary Public (if applicable)

Page: 1 of 2 Bill To: Ship To: 2 Order Date:06/05/2007 ACEROS Y TUBULARES DEL NOREST ACEROS Y TUBULARES DEL NOREST CONSTITUYENTES DE NUEVO LEON C/O CROSS BORDER SERVICES COL. LINDA VISTA 8502 EL GATO ROAD

LAREDO

78045

PO No:3RD-CO Mill Order No:3323310 Load No:1151361 Manifest No:1861833

CERTIFIED MATERIAL TEST REPORT GERDAU AMERISTEEL Midlothian Mill .

GERDAU AMERISTEEL

300 Ward Road Midlothian, TX 76065

(972)775-8241

SIZE

NL

MX

GRADE W 10 X 45# / W250 X 67 992/572-50

TX

US

LENGTH 40 FT / 12.192 M PRODUCT WF BEAMS

GUADALUPE

SPECIFICATIONS

HEAT NO: 22434210

67130

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

CHEMICAL ANALYSIS

C Mn S Si Cu Νi CrMo Sn V Αl Nb CE .11 .91 .013 .037 .21 .36 .10 .17 .037 .008 .001 .006 .021 .33

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation			Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq In Sq cm % Gage Length		ngth	Dia. Result		
57.2	394.4	77.4	533.7	0.881	5.68	23.6	8 In	200 mm		
57.8	398.5	77.8	536.4	0.894	5.77	24.3	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 DIN EN 10204 3.1.B

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Page: 2 of 2