CERTIFIED MATERIAL TEST REPORT Ship To: 1 SIDERTUL SA DE CV Order Date: 03/31/2010 Bill To: SIDERTUL SA DE CV GERDAU AMERISTEEL PO No:GERDAU CORSA 402 GRAND CENTRAL BLVD RFC# SID930918KR0 Mill Order No:3720109 Midlothian Mill 300 Ward Road AVENIDA PRESIDENTE MASARYK MILO DISTRIBUTION CENTER Load No:1321221 GO GERDAU AMERISTEEL DF LAREDO TX Manifest No:2020446 Midlothian, TX 7606 MEXICO CITY US 11570 ΜX 78045 (972) 775-8241 PRODUCT SIZE GRADE LENGTH W 24 X 62# / W610 X 92 992/572-50 40 FT / 12.192 M WF BEAMS SPECIFICATIONS ASTM A6-09, A992-06a, A572-07 HEAT NO: 22554290 CHEMICAL ANALYSIS v Nb С Mn Si Cu Νi CrSn Al CE .23 .34 .11 .10 .033 .011 .002 .004 .021 .29 .08 .91 .011 .042

PHYSICAL PROPERTIES

Yield Strength		Tensile	Tensile Strength Specimen Area		n Area	Elongation			Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	ક	Gage Ler	ngth	Dia. Result	8
55.7	384.0	72.1	497.1	0.860	5.55	23.4	8 In	200 mm		
56.7	390.9	72.7	501.2	0.879	5.67	24.7	8 In	200 mm		

TENSILE TEST RATIOS
YLD/TENS YLD/TENS
.77 .78

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

Signed: Date: Aug. 06, 2010 Signed: Date: Motary Public (if applicable)

Notary Public (if applicable)

Page: 1 of 5

<sup>&</sup>quot;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."

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:03/31/2010 PO No:GERDAU CORSA Mill Order No:3720109 Load No:1321221 Manifest No:2020446 CERTIFIED MATERIAL TEST REPORT

GERDAU AMERISTEEL

Midlothian Mill

G GERDAU AMERISTEEL

300 Ward Road Midlothian, TX 76065

(972)775-8241

SIZE

W 24 X 62# / W610 X 92

GRADE 992/572-50 LENGTH 40 FT / 12.192 M PRODUCT WF BEAMS

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

HEAT NO: 22554310

CHEMICAL ANALYSIS

С Mn S Si Cu Νi Cr Мо Sn V Al Nb CE .08 .89 .008 .28 .024 .30 .12 .09 .036 .012 .002 .004 .018 .28

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation			Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	8	Gage Le	ngth	Dia. Result	8
55.9	385.4	72.1	497.1	0.861	5.55	23.1	8 In	200 mm		
56.6	390.2	72.7	501.2	0.887	5.72	24.0	8 In	200 mm		
							8 Tn	200 mm		

TENSILE TEST RATIOS
YLD/TENS YLD/TENS YLD/TENS
.77 .78

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."

 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:03/31/2010 PO No:GERDAU CORSA Mill Order No:3720109 Load No:1321221 Manifest No:2020446 CERTIFIED MATERIAL TEST REPORT

GERDAU AMERISTEEL

Midlothian Mill

GB GERDAU AMERISTEEL

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

ROA

SIZE W 24

SPECIFICATIONS W 24 X 62# / W610 X 92

GRADE 992/572-50 LENGTH 40 FT / 12.192 M PRODUCT WF BEAMS

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

HEAT NO: 22554330

CHEMICAL ANALYSIS

Cu Νi CrV Nb С Mn P S Mo Sn A1 CE Si .30 .004 .021 .29 .08 .92 .009 .042 .26 .12 .10 .040 .011 .002

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		<u>Elongation</u>			Bend Test	
KSI	MPa	KSI	MPa	Sq In	Sq cm	8	Gage Ler	ngth	Dia. Result	
55.2	380.6	72.0	496.4	0.869	5.61	25.5	8 In	200 mm		
55 0	385 4	72.4	499 2	0 806	5 78	25.2	8 Tn	200 mm		

TENSILE TEST RATIOS

YLD/TENS

.77

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

<sup>&</sup>quot;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."

CERTIFIED MATERIAL TEST REPORT Bill To: Ship To: 1 Order Date:03/31/2010 SIDERTUL SA DE CV SIDERTUL SA DE CV PO No:GERDAU CORSA GERDAU AMERISTEEL 402 GRAND CENTRAL BLVD Mill Order No:3720109 RFC# SID930918KR0 Midlothian Mill AVENIDA PRESIDENTE MASARYK MILO DISTRIBUTION CENTER Load No:1321221 300 Ward Road GD GERDAU AMERISTEEL MEXICO CITY DF LAREDO Manifest No:2020446 Midlothian, TX 76065 ŪS MX 78045 11570 (972)775-8241 SIZE GRADE LENGTH PRODUCT W 24 X 62# / W610 X 92 992/572-50 40 FT / 12.192 M WF BEAMS SPECIFICATIONS ASTM A6-09, A992-06a, A572-07 HEAT NO: 22554340 CHEMICAL ANALYSIS С Mn S Si Cu Νi CrМо Sn V Al Nb CE .08 .94 .009 .037 .27 .37 .11 .11 .037 .013 .002 .004 .019 . 3 PHYSICAL PROPERTIES Yield Strength Tensile Strength Specimen Area Elongation Bend Test Sq In KSI KSI Sq cm Gage Length Dia. Result

5.72

5.62

27.0

26.4

8 In

8 In

200 mm

200 mm

0.886

0.871

ROA

TENSILE TEST RATIOS

386.1

379.9

73.0

71.4

503.3

492.3

YLD/TENS

56.0

55.1

.77

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:	Signed:	Date:		
Tom L. Harrington: Quality Assurance Manager	Notary Public (if applicable)			
		Page:	4 of	5

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:03/31/2010 PO No:GERDAU CORSA Mill Order No:3720109 Load No:1321221 Manifest No:2020446 CERTIFIED MATERIAL TEST REPORT GERDAU AMERISTEEL

Midlothian Mill 300 Ward Road

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

<u>ROA</u>

SIZE

W 24 X 62# / W610 X 92

GRADE 992/572-50 LENGTH 40 FT / 12.192 M PRODUCT WF BEAMS

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

HEAT NO: 22554360

CHEMICAL ANALYSIS

v С Mn Ρ S Si Cu Ni CrМо Sn Al Nb CE .010 .09 .92 .042 .28 .32 .10 .10 .037 .010 .003 .004 .022 .3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation			Bend Test	P
KSI	MPa	KSI	MPa	Sq In	Sq cm	용	Gage Ler	igth	Dia. Result	_
56.2	387.5	73.6	507.5	0.873	5.63	24.2	8 In	200 mm		
55.9	385.4	73.6	507.5	0.901	5.81	25.1	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. 06, 2010 Signed: Date: Notary Public (if applicable)

Page: 5 of 5