

Bill To:  
ACEROMEX GRUPO INDUSTRIAL SA  
CONSTITUYENTE DE NUEVOLEON 10  
COL. LINDA VISTA  
GUADALUPE NL  
CP 67130 MX

Ship To: 4  
ACEROMEX GRUPO INDUSTRIAL SA  
1062 ADAMS CIRCLE  
EAGLE PASS TX  
78852 US

Order Date: 01/10/2011  
PO No: 4500046392  
Mill Order No: 3835027  
Load No: 1365087  
Manifest No: 2061604

**CERTIFIED MATERIAL TEST REPORT**  
**GERDAU AMERISTEEL**  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 78045  
(972) 278-8241

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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 88 7/8 X 360 X 101	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22592960

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.93	.016	.025	.26	.38	.11	.32	.035	.014	.002	.008	.019	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	ROA
ksi	MPa	ksi	MPa	Sq In	Sq cm	%	Gage length	Dia. Result	
55.1	379.9	71.3	491.6	1.035	6.68	24.0	8 In 200 mm		
55.8	384.7	72.5	499.9	1.036	6.68	25.6	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS

.17

All manufacturing processes of this product, including electric arc MELTING and remelted CASTING, occurred in the U.S.A. CMTB 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: Jon C. Barrington Date: Mar. 22, 2011  
Jon C. Barrington: Quality Assurance Manager

Signed: Nolly P. Pablos (If Applicable)  
Nolly P. Pablos: (If Applicable)

Date: \_\_\_\_\_  
Page: 1 of 6

Bill To:  
ACEROMEX GRUPO INDUSTRIAL SA  
CONSTITUYENTE DE NUEVOLEON 10  
COL. LINDA VISTA  
GUADALUPE  
CP 67130

Ship To: 4  
ACEROMEX GRUPO INDUSTRIAL SA  
1062 ADAMS CIRCLE  
EAGLE PASS TX  
78852 US

Order Date: 01/18/2011  
PO No: 4500046392  
Mill Order No: 3835027  
Load No: 1365087  
Manifest No: 2061604

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



SIZE: W 14 X 84 / W 360 X 101      GRADE: A992-06a, A572-07      LENGTH: 40 FT / 12.192 M      PRODUCT: WF BEAMS

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

HEAT NO: 225834C

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.97	.026	.042	.22	.39	.12	.15	.034	.018	.002	.003	.022	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROB
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	5 In	180°	Result	
55.9	385.4	72.9	502.6	1.040	6.71	25.5	8 In	200 mm		
55.2	380.6	72.0	496.4	1.041	6.72	24.2	8 In	200 mm		

TENSILE TEST RATION

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)

"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. Bar-Hilton Date: Mar. 22, 2011  
Tom L. Bar-Hilton: Quality Assurance Manager

Signed: \_\_\_\_\_  
Notary Public (if applicable)

Date: \_\_\_\_\_  
Page: 2 of 6

Bill To:  
ACEROMEX GRUPO INDUSTRIAL SA  
CONSTITUYENTE DE NUEVOLEON 10  
COL. LINDA VISTA  
GUADALUPE  
CP 67130

Ship To: 4  
ACEROMEX GRUPO INDUSTRIAL SA  
1062 ADAMS CIRCLE  
EAGLE PASS  
78852

Order Date: 01/10/2011  
PO No: 4500046392  
Mill Order No: 3835027  
Load No: 1365087  
Manifest No: 2061604

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



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

SIZE	GRADE	LENGTH	PRODUCT
W 14 X 60# / W360 X 101	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 22582340

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CP
.08	.97	.016	.042	.24	.35	.10	.09	.032	.013	.002	.003	.024	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Band Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq mm	%	Gage length	Dia. Result	
55.9	385.4	73.3	505.4	1.026	6.62	24.6	8 In 200 mm		
56.0	386.1	73.4	506.1	1.044	6.74	24.7	8 In 200 mm		

TENSILE TEST RATIO

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 B.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: Mar. 23, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_  
Notary Public (if applicable)

Date: \_\_\_\_\_  
Page: 1 of 6

Bill To:  
ACEROMEX GRUPO INDUSTRIAL SA  
CONSTITUYENTE DE NURVOLEON 10  
COL. LINDA VISTA  
GUADALUPE NL  
CP 67130 MK

Ship To: 4  
ACEROMEX GRUPO INDUSTRIAL SA  
1062 ADAMS CIRCLE  
EAGLE PASS TX  
78852 US

Order Date: 01/10/2011  
PO No: 4500046392  
Mill Order No: 3835027  
Load No: 1365087  
Manifest No: 2061604

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



SIZE: W 14 X 68 X 7 W360 X 101  
GRADE: 592/572-50  
LENGTH: 40 FT X 12.197 M  
PRODUCT: WF BEAMS

SPECIFICATIONS  
ASTM A6-99, A992-06a, A572-07

HEAT NO: 22583400

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.95	.013	.032	.27	.41	.11	.09	.035	.014	.001	.003	.019	.31

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia.	Result	
55.7	384.0	73.3	505.4	1.058	6.83	24.0	8 IN	200 mm		
55.0	379.2	73.1	504.0	1.038	6.70	24.0	8 IN	200 mm		

TENSILE TEST RATIO

YLD/TENS	YLD/TENS
.75	.76

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. CMJK 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: Mar. 22, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_  
NITROGEN PARTIAL (if applicable)

Date: \_\_\_\_\_  
Page: 4 of 6


Bill To:  
ACEROMEX GRUPO INDUSTRIAL SA  
CONSTITUYENTE DE NUEVOLEON 10  
COL. LINDA VISTA  
GUADALUPE  
CF 67130

Ship To: 4  
ACEROMEX GRUPO INDUSTRIAL SA  
1062 ADAMS CIRCLE  
EAGLE PASS  
78852

TX  
MS

Order Date: 01/10/2011  
PO No: 4500046392  
Mill Order No: 3835077  
Load No: 1365087  
Manifest No: 2061604

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

 GERDAU AMERISTEEL

SPECIFICATIONS

ASTM A6-99, A992-06a, A572-07

HEAT NO: 22583400

SIZE: W 14 X 88 X 7 X 300 X 101  
GRADE: 992/572-50  
LENGTH: 49 FT / 14.92 M  
PRODUCT: WF BEAMS

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CP
.08	.91	.022	.018	.22	.57	.03	.15	.028	.015	.002	.003	.021	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Send Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	(
57.9	399.7	75.7	521.9	1.015	6.55	24.4	8 in 200 mm		
56.2	387.5	73.1	504.0	1.015	6.55	25.3	8 in 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

"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: Mar. 24, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_  
Notary Public (if applicable)

Date: \_\_\_\_\_  
Page: 3 of 6

Bill To:  
 ACEROMEX GRUPO INDUSTRIAL SA  
 CONSTITUYENTE DE NUEVOLEON 10  
 COL. LINDA VISTA  
 GUADALUPE NL  
 CP 67130 MX

Ship To: 4  
 ACEROMEX GRUPO INDUSTRIAL SA  
 1062 ADAMS CIRCLE  
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 78852 US

Order Date: 01/10/2011  
 PO No: 4500046392  
 Mill Order No: 3835027  
 Load No: 1365087  
 Manifest No: 2061604

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



GERDAU AMERISTEEL

**SPECIFICATIONS**

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

HEAT NO: 2257686K

CHEMICAL ANALYSIS													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sb	V	Al	Nb	Se
.07	.95	.015	.032	.26	.32	.09	.12	.030	.011	.002	.003	.020	.29

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	T
55.6	383.3	72.9	502.6	1.814	6.54	26.2	8 In 200 mm		
55.9	385.4	73.2	504.7	1.841	6.72	24.4	8 In 200 mm		

**TENSILE TEST RATIOS**

YLD/TENS  
 .76

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, executed 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: Mar. 23, 2011  
 Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_  
 Notary Public (if applicable)

Date: \_\_\_\_\_  
 Page: 6 of 6