

3984-39865

Bill To:
FORTACERO S.A. DE C.V.
BLVD CARLOS SALINAS DE GORTAR
KM 8.8
APODACA
66600

Ship To: 6
FORTACERO
14701 ATLANTA DR
LAREDO
NL 78045
MX

Order Date: 03/14/2011
PO No: 4500076925
Mill Order No: 3868424
Load No: 1382458
Manifest No: 2078108

CERTIFIED MATERIAL TEST REPORT
GERDAU AMERISTEEL
Petersburg Mill
GERDAU AMERISTEEL 25801 Hofheimer Way
Petersburg, VA 23803
(804) 524-2855

GRADE 992/572-50
LENGTH 40 FT / 12.192 M

PRODUCT
WF BEAMS

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

SIZE
W 12 X 96# / W310 X 143

CHEMICAL ANALYSIS

HEAT NO: 30538590

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.27	.017	.029	.22	.37	.11	.13	.019	.017	.001	.003	.020	.36

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	%
57.7	397.8	75.9	523.3	1.750	11.29	27.3	8 In 200 mm		
58.7	404.7	77.6	535.0	1.678	10.83	28.9	8 In 200 mm		

TENSILE TEST RATIOS
YLD/TENS TENS/YLD YLD/TENS TENS/YLD
.76 1.32 .76 1.32

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: Jun. 21, 2011
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____
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