

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

Ship To: 6  
 FORTACERO  
 14701 ATLANTA DR  
 LAREDO TX  
 78045 US

Order Date: 12/28/2010  
 PO No: 4500074527  
 Mill Order No: 3829393  
 Load No: 1348419  
 Manifest No: 2045626

36048  
**CERTIFIED MATERIAL TEST REPORT**  
**GERDAU AMERISTEEL**  
 Midlothian Mill  
 300 Ward Road  
 Midlothian, TX 76065  
 (972) 775-8241



PRODUCT  
 WF BEAMS

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

SIZE  
 W 16 X 67# / W410 X 100

GRADE  
 992/572-50

LENGTH  
 40 FT / 12.192 M

HEAT NO: 22573270

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.06	.99	.016	.023	.28	.33	.08	.13	.028	.013	.002	.003	.020	.28

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	%
57.2	394.4	75.7	521.9	0.914	5.90	24.8	8 In 200 mm		
57.1	393.7	76.3	526.1	0.917	5.92	25.7	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.76	1.32	.75	1.34

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: Dec. 30, 2010  
 Tom L. Harrington: Quality Assurance Manager

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

Date: \_\_\_\_\_

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