

45494

Bill To: FORTACERO S.A. DE C.V.
LVD CARLOS SALINAS DE GORTAR
M 8.8
PODACA
6600
NL
MX

Ship To: 6
FORTACERO
12110 SARA ROAD
LAREDO
78045

TX
US

Order Date: 02/15/2012
PO No: 4500087083
Mill Order No: 4004281
Load No: 1428238
Manifest No: 2122130

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

PECIFICATIONS
STM A6-09, A992-06a, A572-07
SIZE
W 10 X 33# / W250 X 49.1
GRADE
992/572-50
LENGTH
40 FT / 12.192 M
PRODUCT
WF BEAMS

HEAT NO: 2263347M

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CP
.06	.88	.014	.030	.23	.36	.10	.11	.035	.008	.002	.003	.020	.27

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	%
55.0	379.2	70.6	486.8	0.638	4.12	26.2	8 In 200 mm		
53.5	368.9	69.7	480.6	0.618	3.99	27.3	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.78	1.28	.77	1.3

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. MTR 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: Feb. 28, 2012
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____