

Bill To:
 GERDAU CORSA S A P I DE CV
 M 3 CARRETERA MEXICO-
 D SAHAGUN S/N
 SAHAGUN
 3990
 HG
 MX

Ship To: 2
 GERDAU CORSA S A P I DE CV
 402 GRAND CENTRAL BLVD
 MILO DISTRIBUTION CENTER
 LAREDO TX
 78045 US

Order Date: 12/19/2011
 PO No: 4500090955
 Mill Order No: 3975918
 Load No: 1427478
 Manifest No: 2120634

CERTIFIED MATERIAL TEST REPORT

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

PECIFICATIONS SIZE GRADE LENGTH PRODUCT
 W 12 X 26# / W310 X 38.7 992/572-50 40 FT / 12.192 M WF BEAMS
 STM A6-09, A992-06a, A572-07

HEAT NO: 11956390

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.94	.016	.020	.22	.30	.08	.13	.028	.006	.002	.002	.020	.29

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	%
56.0	386.1	74.7	515.0	0.565	3.65	27.3	8 In	200 mm		
56.7	390.9	75.4	519.9	0.557	3.59	27.3	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.75	1.33	.75	1.33

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. 21, 2012
 Tom L. Harrington: Quality Assurance Manager

Signed: _____ Date: _____
 Notary Public (if applicable)

Bill To:
GERDAU CORSA S A P I DE CV
M 3 CARRETERA MEXICO-
D SAHAGUN S/N
SAHAGUN
3990

HG
MX

Ship To: 2
GERDAU CORSA S A P I DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date:12/19/2011
PO No:4500090955
Mill Order No:3975918
Load No:1427478
Manifest No:2120634

CERTIFIED MATERIAL TEST REPORT



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

PECIFICATIONS SIZE GRADE LENGTH
W 12 X 26# / W310 X 38.7 992/572-50 40 FT / 12.192 M

PRODUCT
WF BEAMS

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

HEAT NO: 11956580

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.92	.012	.021	.25	.33	.10	.12	.042	.007	.002	.003	.019	.3

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	%
55.2	380.6	73.0	503.3	0.539	3.48	28.5	8 In 200 mm			
55.9	385.4	73.7	508.1	0.560	3.61	28.1	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. 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. 21, 2012
Tom L. Harrington: Quality Assurance Manager

Signed: _____
Notary Public (if applicable)

Date: _____