

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
NL
MX

Order Date:01/10/2011
PO No:4500046401
Mill Order No:3835117
Load No:1365975
Manifest No:2063075

CERTIFIED MATERIAL TEST REPORT

GERDAU AMERISTEEL
Petersburg Mill
25801 Hofheimer Way
Petersburg, VA 23803

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

SIZE	GRADE	LENGTH	PRODUCT
W 33 X 118# / W840 X 176	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30527820

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.20	.017	.024	.21	.30	.12	.15	.018	.018	.003	.003	.017	.35

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	%	
58.3	402.0	73.0	503.3	1.017	6.56	23.9	8 In 200 mm			
55.3	381.3	70.9	488.8	1.052	6.79	26.4	8 In 200 mm			

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.8	1.25	.78	1.28

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 spe

Signed: Tom L. Harrington Date: Apr. 19, 2011
Tom L. Harrington: Quality Assurance Manager

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

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

SIZE	GRADE	LENGTH	PRODUCT
W 33 X 118# / W840 X 176	992/572-50	40 FT / 12.192 M	WF BEAMS

HEAT NO: 30527830

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.20	.013	.028	.22	.33	.10	.13	.013	.015	.003	.003	.018	.35

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia.	Result	%
57.6	397.1	73.1	504.0	1.024	6.61	27.8	8 In	200 mm		
56.2	387.5	72.0	496.4	1.030	6.65	24.6	8 In	200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.79	1.27	.78	1.28

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