

Bill To:
 GERDAU CORSA S A P I DE CV
 KM 3 CARRETERA MEXICO-
 CD SAHAGUN S/N
 SAHAGUN HG
 43990 MX

Ship To: 1
 GERDAU CORSA S A P I DE CV
 402 GRAND CENTRAL BLVD
 MILO DISTRIBUTION CENTER
 LAREDO TX
 78045 US

Order Date:
 PO No:
 Mill Order No:
 SAP Shpmt No:

CERTIFIED MATERIAL TEST REPORT



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

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

SIZE: W 16 X 45# / W410 X 67
 GRADE: 992/572-50
 LENGTH: 40 FT / 12.192 M
 PRODUCT: WF BEAMS

HEAT NO: 22608340

CHEMICAL ANALYSIS													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.95	.026	.035	.24	.34	.09	.14	.029	.012	.002	.003	.021	.3

PHYSICAL PROPERTIES										Bend Test		ROA
Yield Strength		Tensile Strength		Specimen Area		Elongation		Gage Length		Dia.	Result	%
KSI	MPa	KSI	MPa	Sq In	Sq cm	%						
58.6	404.0	74.9	516.4	0.805	5.19	24.0	8 In	200 mm				
57.9	399.2	74.2	511.6	0.783	5.05	24.8	8 In	200 mm				

TENSILE TEST RATIOS

YLD/TENS
 .78

Remarks

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 -- "M" prefix HT# on shipping doc identifies production before 4/1/2012 conversion to SAP.

"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: Jan. 10, 2013
 Tom L. Harrington: Quality Assurance Manager

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