Bill To: SIDERTUL SA DE CV RFC# SID930918KR0 AVENIDA PRESIDENTE MASARYK MEXICO CITY DF 11570 MX

Ship To: 1
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX

Order Date:03/09/2011 PO No:4500000579 Mill Order No:3866816 Load No:1391433

Manifest No:2086705

GE GERDAU AMERISTEEL

GERDAU AMERISTEEL
Midlothian Mill
300 Ward Road

Midlothian, TX 76065 (972)775-8241

SIZE

78045

GRADE

US

LENGTH 40 FT / 12.192 M PRODUCT CHANNELS

CERTIFIED MATERIAL TEST REPORT

SPECIFICATIONS

HEAT NO: 11932160

6 X 10.5 CHANNELS / C 150 X A36/A57250

ASTM A6-09, A36-08, A572-07, A992-06a

CHEMICAL ANALYSIS

C Mn Ρ S Si Cu Νi  $\operatorname{Cr}$ Мо Sn V Al Nb CE .08 .90 .011 .019 .24 .26 .08 .13 .041 .007 .002 .003 .020 .29

## PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	ROA	
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length		Dia. Result	%
56.9	392.3	74.7	515.0	0.469	3.03	24.8	8 In	200 mm		
57.2	394.4	75.1	517.8	0.469	3.03	25.0	8 In	200 mm		

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."

Page: 1 of 2