

cana-U-10-22.8kg

Bill To:
SIDERTUL SA DE CV
RFC# SID930918KRO
AVENIDA PRESIDENTE MASARYK
MEXICO CITY
11570

Ship To: 1
SIDERTUL SA DE CV
402 GRAND CENTRAL BLVD
MILO DISTRIBUTION CENTER
LAREDO TX
78045 US

Order Date:01/03/2011
PO No:21288
Mill Order No:3830487
Load No:1365095
Manifest No:2061959

CERTIFIED MATERIAL TEST REPORT

GERDAU AMERISTEEL
Midlothian Mill
300 Ward Road
Midlothian, TX 76065

SPECIFICATIONS SIZE GRADE LENGTH PRODUCT
ASTM A6-09, A36-08, A572-07, A992-06a 10 X 15.3 CHANNELS / C 250 X A36/A57250 40 FT / 12.192 M CHANNELS

HEAT NO: 11915870

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.99	.017	.039	.26	.26	.08	.09	.029	.010	.004	.003	.015	.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	%
58.1	400.6	75.2	518.5	0.359	2.32	24.2	8 In 200 mm		
57.6	397.1	74.5	513.7	0.362	2.34	24.2	8 In 200 mm		

Remarks

Portions of this heat were incorrectly stenciled as 22484240. Die Stamped with the correct heat number have been applied to each affected bar.

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: May. 19, 2011
Tom L. Harrington: Quality Assurance Manager

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



CERTIFICADO DE CALIDAD

QUALITY CERTIFICATE

CLIENTE / CUSTOMER
PLESA ANAHUAC Y CIAS SA DE CV AV. VALLE DE LAS ALAMEDAS [No. 66]O SAN FRANCISCO CHILPAN TULTITLAN, MX 54940 MEXICO

FACTURA# / INVOICE #
10204316

SEG. MERCADO / APLICATION
COMERCIAL

FECHA / DATE
13/09/2011

CERTIFICADO # / MILL REPORT #
8144 G

Calidad de Acero / Steel Quality

ID	ESPESOR/ THICKNESS	CALIBRE GAUGE	ANCHO/ WIDTH	LARGO/ LENGHT	PESO/ WEIGHT	PIEZAS/ PIECES	CAPA/ COATING	ACABADO/ FINISHED	DOBLEZ/ BEND	IMPACTO/ IMPACT	DUREZA/ HARDNESS HRB	ELONG %	LE KSI	RT KSI	COMP QUIMICA				NORMA /ASTM	GRADO /GRADE
	IN		IN / MM	MT/FT	kg / Lbs		OZ/FT2			IN / LBF					%C	%Mn	%P	%S		
30150644	0.0313/0.7906	22	36.000 / 914.40	971 / 3,185	5,555.00 / 12,243.22	1	G 60 FR	PAS	0T	320 / 320	64	36	50	56	0.070	0.230	0.015	0.007	A-653	1008
30150646	0.0314/0.7931	22	36.000 / 914.40	829 / 2,719	4,720.00 / 10,402.88	1	G 60 FR	PAS	0T	320 / 320	64	36	50	57	0.070	0.230	0.015	0.007	A-653	1008
30150639	0.0373/0.9421	20	36.000 / 914.40	785 / 2,575	5,295.00 / 11,670.18	1	G 60 FR	PAS	0T	320 / 320	58	36	50	56	0.063	0.186	0.009	0.005	A-653	1008
30150643	0.0313/0.7906	22	36.000 / 914.40	903 / 2,962	5,125.00 / 11,295.50	1	G 60 FR	PAS	0T	320 / 320	57	36	50	54	0.053	0.174	0.010	0.004	A-653	1008
30150647	0.0314/0.7931	22	36.000 / 914.40	858 / 2,814	4,875.00 / 10,744.50	1	G 60 FR	PAS	0T	320 / 320	64	36	50	56	0.083	0.345	0.016	0.002	A-653	1008
30150630	0.0368/0.9295	20	36.000 / 914.40	683 / 2,240	4,630.00 / 10,204.52	1	G 60 FR	PAS	0T	320 / 320	58	36	50	55	0.040	0.240	0.018	0.010	A-653	1008
30150631	0.0368/0.9295	20	36.000 / 914.40	684 / 2,244	4,640.00 / 10,226.56	1	G 60 FR	PAS	0T	320 / 320	60	35	40	53	0.040	0.240	0.018	0.010	A-653	1008
30150642	0.0313/0.7906	22	36.000 / 914.40	903 / 2,962	5,080.00 / 11,196.32	1	G 60 FR	PAS	0T	320 / 320	57	36	50	53	0.053	0.174	0.010	0.004	A-653	1008

FM: Flor Minima FR: Flor Regular BNZ: Barnizado PAS: Pasivado AC: Aceitado Aer: Acrilico PasAc: Pasivado Aceitado Aer: Acrilico Cro:Cromatado G:Galvanizado Az:Aluminio Zinc



 Jefe de Gestion de Calidad
 Quality Assurance