

OLD FORTACERO S A DE C V
 BLVD PRESIDENTE CARLOS SALINAS
 TO: DE GORTARI KM 8 8
 APODACANL 66600
 MEXICO

NUCOR
 NUCOR CORPORATION
 NUCOR STEEL TEXAS

CERTIFIED MILL TEST REPORT

Page: 1

Ship from:

31303 - 31304

Nucor Steel - Texas
 8812 Hwy 79 W
 JEWETT, TX 75846
 800-527-6445

Date: 30-Mar-2010
 B.L. Number: 538471
 Load Number: 154724

SHIP FORTACERO S A DE C V
 C/O INTERMODAL MEXICO
 TO: MONTERREY-KANSAS CITY SO.NL 66
 MEXICO

Material Safety Data Sheets are available at www.nucorbar.com or by contacting your inside sales representative.

NBMG-08 March 24, 2009

HEAT NUM. *	DESCRIPTION	PHYSICAL TESTS					CHEMICAL TESTS									
		YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	C	Ni	Mn	Cr	P	S	Si	Cu	Sn	C.E.
PO# => JW1010067901	4500064930 Nucor Steel - Texas 4x3x1/4 Angle 40' A572 Gr50 TY1 ASTM A572/A572M-07 GR 50 TY1 Mn/C = 7.82	56,500	74,300	27.0%			.11		.86		.023	.025	.20	.34		
		390MPa	512MPa				.14		.16		.032	.004	.016			
		55,900	72,800	26.0%			MN/C									
		385MPa	502MPa				07.82									
PO# => JW1010068001	4500064930 Nucor Steel - Texas 4x3x1/4 Angle 40' A572 Gr50 TY1 ASTM A572/A572M-07 GR 50 TY1 Mn/C = 7.91	57,800	74,600	25.0%			.11		.87		.019	.030	.21	.31		
		399MPa	514MPa				.12		.16		.028	.003	.016			
		57,800	74,500	25.0%			MN/C									
		399MPa	514MPa				07.91									
PO# => JW1010085801	4500064930 Nucor Steel - Texas 1/2x10" Flat 40' A529 Gr55 ASTM A529/A529M-05 GR 55 Mn/C = 8.	59,100	78,200	20.0%			.13		1.04		.018	.033	.26	.36	.42	
		407MPa	539MPa				.12		.13		.029	.004	.028			
		59,500	78,400	21.0%			CBV									
		410MPa	541MPa				0.030		08.00							
PO# => JW1010093901	4500064930 Nucor Steel - Texas 5x5x1/2 Angle 40' A572 GR50 TY1 ASTM A572/A572M-07 GR 50 TY1 Mn/C = 7.91	53,900	71,700	25.0%			.11		.87		.013	.037	.21	.30		
		372MPa	494MPa				.15		.11		.044	.003	.021			
		53,500	72,000	25.0%			MN/C									
		369MPa	496MPa				07.91									

I HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION.

ALL MANUFACTURING PROCESSES OF THE STEEL MATERIALS IN THIS PRODUCT, INCLUDING MELTING, HAVE OCCURRED WITHIN THE UNITED STATES. ALL PRODUCTS PRODUCED ARE WELD FREE. MERCURY, IN ANY FORM, HAS NOT BEEN USED IN THE PRODUCTION OR TESTING OF THIS MATERIAL.

QUALITY ASSURANCE: Ben Cave

Ben Cave