

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

SHIP TO: FORTACERO - MEXICO CITY (RAIL)  
 1430 INDUSTRIAL BLVD  
 EAGLE PASS, TX 78852-

**NUCOR**  
 NUCOR CORPORATION  
 NUCOR STEEL TEXAS

CERTIFIED MILL TEST REPORT

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Ship from:  
 Nucor Steel - Texas  
 8512 Hwy 79 W  
 JEWETT, TX 75846  
 800-527-5445

Date: 20-Aug-2011  
 B.L. Number: 579875  
 Load Number: 190604

NRMS-06 March 9, 2011

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

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	Mo	S	V	Si	Cb	Cu	Sr	C.E.
PO# => JW1110421701	4500080732 Nucor Steel - Texas 8x13 75# Channel 20' 0" A36/A572GR50 ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1	57,600	76,800	22.0%			.11		.84		.012		.029		.21		.38		
		397MPa	530MPa				.20		.19		.056		.002		.012				
PO# => JW1110421801	4500080732 Nucor Steel - Texas 8x13.75# Channel 20' 0" A36/A572GR50 ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1	57,600	76,700	23.0%			.13		.85		.015		.035		.20		.38		
		397MPa	529MPa				.21		.18		.051		.002		.013				
PO# => JW1110647101	4500080732 Nucor Steel - Texas 8x11.5# Channel 40' 0" A36/A572GR50 ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1	57,000	76,600	25.0%			.11		.83		.020		.035		.20		.37		
		393MPa	528MPa				.17		.21		.040		.003		.013				
PO# => JW1110647201	4500080732 Nucor Steel - Texas 8x11.5# Channel 40' 0" A36/A572GR50 ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1	55,700	74,000	23.0%			.11		.82		.013		.032		.18		.34		
		384MPa	510MPa				.14		.14		.037		.002		.013				
		55,800	75,300	25.0%															
		392MPa	519MPa																

\* We hereby certify that the material described herein has been manufactured in accordance with the applicable standards and standards listed above and that it conforms to the chemical analysis. 1. Weld repair was not performed on this material. 2. Welded and Manufactured in the United States. 3. Mercury, Cadmium, or Alpha particles are not present in any form. 4. Have not been used in the production of this report.

QUALITY ASSURANCE: Nathan Stewart



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CERTIFIED MILL TEST REPORT

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SHIP TO: FORTACERO - MEXICO CITY (RAIL)  
 1430 INDUSTRIAL BLVD  
 EAGLE PASS, TX 78852-

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

Date: 20-Aug-2011  
 B.L. Number: 579975  
 Load Number: 190504

Material Safety Data Sheets are available at [www.nucorbar.com](http://www.nucorbar.com) or by contacting your inside sales representative.

NSMG 04 March 9, 2011

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	Mo	S	V	Si	Cb	Cu	Sn	C.E.
PO# -> JW1110647301	4500080732 Nucor Steel - Texas 8x11.5# Channel 40' 0" A36/A572GR50 ASTM A36/A36M-06 ASTM A572/A572- 07 GR 50 TY1	55,100	75,300	23.0%			.11		.81		.014		.036		.18		.32		
		380MPa	519MPa				.13		.15		.036		.002		.014				
		56,300	75,200	27.0%															
		388MPa	518MPa																

I hereby certify that the material described herein has been produced in accordance with the specifications and standards listed above and that it conforms to the requirements of the specification and standards listed on this report.  
 1. Weld repairs were not performed on this material.  
 2. Material was produced in the United States.  
 3. Mercury, Cadmium and other subject materials in any form have not been used in the production of this material.

QUALITY ASSURANCE: Nathan Stewart

