

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



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: 12-Apr-2012  
B.L. Number: 601974  
Load Number: 211277

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

NSVG-08 January 1, 2012

LOT # HEAT #	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# => JW1110910201	4500088371 Nucor Steel - Texas	53,800	73,000	21.0%															
JW11109102	6x6x1/2 Angle	371MPa	503MPa				.13	.97	.014	.025	.20	.40							
	20' A36/A529GR50	54,700	75,300	24.0%			.12	.12	.036	.003	.018								
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	377MPa	519MPa				CE4020	CEA529											
PO# => JW1111125001	4500088371 Nucor Steel - Texas	59,400	79,800	21.0%															
JW11111250	6x6x1/2 Angle	410MPa	550MPa				.12	.92	.013	.025	.20	.35							
	20' A36/A529GR50	58,900	78,700	30.0%			.18	.19	.057	.003	.016								
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	406MPa	543MPa				CE4020	CEA529											
PO# => JW1210166902	4500088371 Nucor Steel - Texas	53,300	71,000	21.0%															
JW12101669	8x13.75# Channel	367MPa	490MPa				.11	.88	.008	.042	.20	.28							
	20' 0" A36/A572GR50	55,000	72,000	22.0%			.17	.13	.061	.003	.013								
	ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1	379MPa	496MPa																
PO# => JW1210167001	4500088371 Nucor Steel - Texas	55,000	73,000	24.0%															
JW12101670	8x13.75# Channel	379MPa	503MPa				.12	.86	.008	.043	.19	.30							
	20' 0" A36/A572GR50	55,600	73,100	25.0%			.17	.13	.058	.003	.016								
	ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1	383MPa	504MPa																
PO# => JW1210184901	4500088371 Nucor Steel - Texas	59,200	75,400	22.0%															
JW12101849	6x6x1/2 Angle	408MPa	520MPa				.11	.90	.014	.032	.18	.34							
	20' A36/A529GR50	56,300	73,400	26.0%			.14	.18	.047	.003	.019								
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	388MPa	506MPa				CE4020	CEA529											
							0.34	0.37											

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.  
1.) Weld repair was not performed on this material.  
2.) Melted and Manufactured in the United States.  
3.) Mercury, Radium, or Alpha source materials in any form have not been used in the production of this material.

QUALITY ASSURANCE: Nathan Stewart

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 TO: 1430 INDUSTRIAL BLVD  
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**NUCOR**  
 NUCOR CORPORATION  
 NUCOR STEEL TEXAS

**CERTIFIED MILL TEST REPORT**

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 8812 Hwy 79 W  
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NSMG-08 January 1, 2012

LOT # HEAT #	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# => JW1210237001	4500088371 Nucor Steel - Texas	56,900	72,100	22.0%			.10	.91	.008	.040	.17	.33			
JW12102370	4x4.5# Channel	392MPa	497MPa				.18	.13	.060	.003	.012				
	20' 0" A529 Gr50	56,800	72,100	22.0%			CE4020	CEA529							
	ASTM A529/A529M-05 GR 50	392MPa	497MPa				PB = *	0.35							
PO# => JW1210259601	4500088370 Nucor Steel - Texas	54,500	70,100	23.0%			.12	.92	.010	.030	.23	.40			
JW12102596	4x4x3/8 Angle	376MPa	483MPa				.13	.15	.042	.003	.012				
	20' A36/A529GR50	54,600	76,400	25.0%			CE4020	CEA529							
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	376MPa	527MPa				0.35	0.39							
PO# => JW1210274201	4500088370 Nucor Steel - Texas	52,700	75,900	26.0%			.10	.84	.015	.040	.19	.37			
JW12102742	2-1/2x2-1/2x1/4 Angle	363MPa	523MPa				.18	.22	.059	.003	.011				
	20' A36/A529Gr50	52,800	75,100	23.0%			CE4020	CEA529							
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	364MPa	518MPa				0.33	0.37							
PO# => JW1210274301	4500088370 Nucor Steel - Texas	52,200	77,900	23.0%			.10	.85	.015	.043	.19	.35			
JW12102743	2-1/2x2-1/2x1/4 Angle	360MPa	537MPa				.23	.26	.059	.003	.012				
	20' A36/A529Gr50	52,800	75,800	23.0%			CE4020	CEA529							
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	364MPa	523MPa				0.34	0.38							

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 1.) Weld repair was not performed on this material.  
 2.) Welded and manufactured in the United States.  
 3.) Mercury, Radium, or Alpha source materials in any form have not been used in the production of this material.

QUALITY  
 ASSURANCE: Nathan Stewart

