

27166 - 27167

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

DATE	8/24/09
INVOICE NO.	311064
BILL OF LADING	962344
CUSTOMER NO.	5829
CUSTOMER P.O.	4500057705

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O
FORTACERO C/O DICEX INTERNATIONAL
8307 KILLAM INDUSTRIAL PARK
FINAL DESTINATION - MONTERREY, MX
LAREDO, TX 78045

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-06
ASTM A709/A709M-07 GR50 (345)
ASTM A709/A709M-07 GR50S (345S)
ASTM A6/A6M-07

S O L D T O
FORTACERO S.A. DE CV
BLVD CARLOS SALINAS DE GORTARI
KM 8.8
APODACA, N.L. MEXICO 66600

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		%	TEMP													IMPACT ENERGY
					MPa	MPa		%	* F													FT-LBS
1	W24 - 55.0 40' W610 x 82.0 12.192 M	23	336409	.78	56000	72000	26				.08	1.12	.011	.023	.27	.22	.08	.08	.03	.00	.019	.31
2	W24 - 55.0 40' W610 x 82.0 12.192 M	48	336410	.75	51000	68000	26				.08	1.10	.013	.029	.28	.22	.08	.08	.02	.00	.018	.30
3	W24 - 55.0 40' W610 x 82.0 12.192 M	4	336419	.78	54000	69000	26				.08	1.13	.011	.027	.30	.20	.07	.07	.03	.00	.021	.31

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications listed in the Specifications Block above.

Ray Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

24 Day of 08/09

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013

