

DATE 11/09/11  
 INVOICE NO. 444024  
 BILL OF LADING 43979  
 CUSTOMER NO. 0829  
 CUSTOMER P.O. 4500082382

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

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.

S H I P T O  
 FORTACERO C/O PAGE & JONES  
 251-432-1646 RULE 11 TO CGR  
 52 N JACKSON ST FIN DIST VERACRUZ  
 MOBILE, AL 36602

S P E C I F I C A T I O N S  
 ASIM A992/A992M-06a A572/A572M GR50-07  
 ASIM A709/A709M-09 GR50 (345)  
 ASIM A709/A709M-09 GR50S (345S)  
 ASIM A6/A6M-09

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

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES										CHEMICAL PROPERTIES									
				YIELD TO TENSILE RATIO	YIELD STRENGTH		ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	MPa		PSI	MPa													%	TEMP °F
1	W12 - 26.0	5	372590	.80	57000	71000	26																
	40'			.82	51000	74000	25																
	W310 x 38.7 12.192 M				393	490	26																
2	W12 - 26.0	5	372760	.81	63000	78000	22																
	40'			.81	60000	74000	25																
	W310 x 38.7 12.192 M				434	538	22																
3	W12 - 26.0	47	374835	.83	59000	70000	25																
	40'			.80	56000	70000	24																
	W310 x 38.7 12.192 M				400	483	25																
4	W12 - 26.0	82	374837	.81	57000	70000	25																
	40'			.81	57000	70000	24																
	W310 x 38.7 12.192 M				393	483	25																
5	W12 - 26.0	14	374839	.82	58000	71000	24																
	40'			.82	59000	72000	24																
	W310 x 38.7 12.192 M				400	490	24																
6	W12 - 26.0	1	374905	.78	57000	73000	24																
	40'			.77	54000	70000	24																
	W310 x 38.7 12.192 M				393	503	24																

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 Book above.

*Ray Linnell*

QUALITY ASSURANCE  
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI  
 SWORN TO AND SUBSCRIBED BEFORE ME THIS  
 9 Day of 11/11  
*Charlene Wallis* NOTARY PUBLIC  
 MY COMMISSION EXPIRES 10/21/2019

