

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

12/04/16 5:32:48
 100% EAF MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.
 Mercury has not been used in the direct manufacturing of this material.

Sold To: PLESA ANAHUAC Y CIA SA DE CV
 AVE VALLE DE LES ALAMEDAS
 NO 66-0
 TULITLIAN, EM 54940

Ship To: PORI OF IAMPICO
 TERMINAL MUELLES FISCALES
 CPT MUELLES FISCALES, IM
 IAMPICO, IM 89000

Customer #.: 3926 - 2
 Customer PO: 24452
 B.O.L. #.: 1237323
 MOS: B

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-16 and A370. Quality Manual Rev #6 (12-8-15).

AASHIO : m270-345M270-50-10
 ASME : SA-36 13
 ASIM : A992-11(15)/A36-14/A529-14-50/A572 5015/A709-5016a
 CSA : G40.21-50w/G40.2150WM/G402150WMI

Description Part #	Heat#	Yield/ Tensile Ratio	Yield (PSI)	Yield (MPa)	Tensile (PSI)	Tensile (MPa)	Elong &	C *****	Mn Mo Ti	P Sn *****	S B *****	Si V N	Cu Ni Nb *****	Ni ***** CI	CE1 CE2 PCM
W6X8.5 040, 00.00" W150X12.6 012.1920m	2615714 A992-11(15)	.82	56100	68500	27.60	.07	.82	.005	.016	.0003	.0003	.16	.11	.03	.22
		.82	387	472	28.83	.02	.01	.0054	.0004	.0003	.0003	.004	.014	2.87	.2525
			383	467	384 Pc(s)	130,560 lbs			.0059			.0035		Inv#:	.1265
W6X8.5 040, 00.00" W150X12.6 012.1920m	2615717 A992-11(15)	.82	53600	67800	28.61	.07	.84	.005	.020	.0003	.0003	.21	.09	.03	.22
		.82	383	467	29.61	.03	.01	.0050	.0003	.0003	.0003	.004	.014	2.55	.2628
			383	465	15 Pc(s)	5,100 lbs						.0035		Inv#:	.1276
W6X21 040, 00.00" W200X31.3 012.1920m	2614360 A992-11(15)	.82	55300	67500	27.15	.07	.80	.008	.024	.0039	.0003	.21	.08	.03	.21
		.83	381	465	28.10	.03	.01	.0039	.0003	.0003	.0003	.003	.028	2.50	.2553
			390	472	10 Pc(s)	8,400 lbs						.0044		Inv#:	.1210

3 Heat(s) for this MTR.

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.0(Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29Cu*Ni)-(9.10Ni*P))-33.39(Cu*Cu)
 PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

