

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

CERTIFIED MILL TEST REPORT

10/28/16 10:39:17  
 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 ANADAC Y CIR SA DE CV  
 AVE VALLE DE LES ALAMEDAS  
 NO 66-0  
 JULIILLAN, EM 54940

Ship To: PORT OF TAMPICO  
 TERMINAL MUELLES FISCALES  
 CPI MUELLES FISCALES, IM  
 TAMPICO, IM 89000

Customer H.: 3926 - 2  
 Customer PO: 24452  
 B.O.L. H.: 1231343  
 Invoice H.: 1775311 MOS: B

SPECIFICATIONS: Tested in accordance with ASIM specification A5/A6M-16 and A370, Quality Manual Rev #6 (12-8-15).  
 ASHTO : m270-345M270-50-10  
 ASME : SA-36 11  
 ASIM : A392-11(15)/A36-14/A529-14-50/A572 5015/A709-5016a  
 CSA : G40.21-50W/G40.2150WM/G402150WMT

Description Part #	Heat Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr *****	Mn Mo Ti	P Sb *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 PCM
W8X35	1612163	.78	54700	69800	24.41	.07	1.04	.009	.028	.24	.16	.04	.27
040, 00.00*	A992-11(15)	.78	377	481	26.09	.05	.01	.0072	.0004	.004	.028	.04	.3123
W200X52			52900	68200						.0049			.1423
012.1920m			365	470									
W8X35	1612172	.79	52900	66800	25.14	.07	1.06	.009	.025	.22	.17	.04	.27
040, 00.00*	A992-11(15)	.80	365	461	24.18	.05	.01	.0075	.0004	.005	.031	.04	.3114
W200X52			54700	68000						.0051			.1407
012.1920m			377	469									

14 Heat(s) for this MTR.

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 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)-(9.10Mn+P))-33.39(Cu+Cu)  
 PCM = C+(S+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)  
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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

