

NUCOR STEEL - BERKELEY  
 1455 Hagan Avenue  
 Huger, SC 29450  
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

11/27/23 21:28:59

100% EAF MELTED AND MANUFACTURED IN THE USA  
 Structural sections produced by Nucor-Berkeley are cast  
 and hot rolled to a fully killed and fine grain practice.  
 Mercury not intentionally added at any point during manufacturing.

Customer #.: 472 - 14

B.O.L. #...: 1732368

MOS: T

MANHATTAN, KS 66505

LONGVIEW, TX 75604

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1.  
 Quality Manual Rev #19 (11-30-22).

AASHTO : M270-50-23

ASIM : A992-22;A529-19-50/A5725021T1/A7095021

CSA : G40,2150WM

Description Part #	Heat# Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr *****	Mn Mo Ti	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 Pcm
W14X38 040' 00.00"	1306104 A992-22	.77	51500 355	66900 461	21.00	.07 .03	1.01 .00	.006 .0048	.017 .0004	.26 .002	.07 .029	.04	.25 .2980
W360X57.8 012.1920m 3714380040		.80	55200 381	68900 475	28.00 5 Pc(s)		.001 7,600 lbs			.0040		2.38	.1337

Customer PO: 4500563214 BoL#: 1732368

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. "All mechanical testing is performed by the Quality testing lab, which is independent of the production departments"

CI = 26.01Cu+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)

Nucor certifies 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.

Emma Summers  
 Metallurgist/  
 Quality Control

*Emma Summers*