

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

CERTIFIED MILL TEST REPORT

1/09/24 10:04:26

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
 Customer PO: 4500566177
 B.O.L. #: 1740098

MANHATTAN, KS 66505

LONGVIEW, TX 75604

MOS: T

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)	Tensile (PSI)	Elong (MPa)	Elong (MPa)	%	C	Mn	P	S	Si	Cu	Ni	CE1
								Cr *****	Mo Ti	Sn *****	B *****	V N	Nb *****	***** CI	CE2 Pcm
W6X25	1316318	.79	57600	72700	61.00			.07	1.04	.010	.019	.27	.10	.04	.26
040' 00.00"	A992-22		397	501				.04	.00	.0057	.0003	.002	.030		.3085
W150X37.1		.79	57400	72500	27.00				.001			.0051		3.00	.1375
012.1920m			396	500	42	Pc(s)									
376250040															

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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