

6/09/23 20:54:03

CERTIFIED MILL TEST REPORT

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

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 H.: 472 - 14  
 B.O.L. #: 1701298  
 MOS: I

MANHATTAN, KS 66505  
 LONGVIEW, TX 75604

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.  
 Quality Manual Rev #16 (4-30-21).

AASHIO : M270-50-19  
 ASTM : A992-22:A529-19-50/A5725021I1/A7095021  
 CSA : G40.2150WM

Description Part #	Heat Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni		CE1 CE2 PCM
						Cr *****	Cr *****	Mn Mo Ti	Mn Mo Ti	P Sn *****	P Sn *****	S B *****	S B *****	Si V N	Si V N	Cu Nb *****	Cu Nb *****	Ni ***** CI	Ni ***** CI	
W6X25	2308034	.77	54100	70100	25.00	.07	.04	1.01	.01	.007	.017	.017	.017	.26	.26	.10	.10	.04	.04	.26
020' 00.00'	A992-22	.78	373	483	25.00	.04	.04	.01	.01	.0037	.0004	.0004	.0004	.002	.002	.027	.027	2.99	2.99	.3067
W150X37.1			54700	69900	25.00			.001	.001					.0045	.0045					.1380
006.0960m			377	482	8 Pc(s)			4,000 lbs	4,000 lbs											
376250020																				

Customer PO: 4500552930 BolH: 1701298

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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  
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29Cu\*Ni)-(9.10Ni\*P)-33.39(Cu\*Cu) testing lab, which is independent of the production  
 PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B departments.  
 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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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.

Dmitri Nassyrov  
 Metallurgist/  
 Quality Control

