

11/09/22 12:58:50

CERTIFIED MILL TEST REPORT

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

100% IAF 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.

Ship To: STEEL & PIPE SUPPLY CO., INC. Customer #: 472 - 4  
 1050 FORT GIBSON ROAD B.O.I. #: 1663275 MOS: I  
 CAIROUSA, OK 74015

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).

RASHIO : m270-345M270-50-19  
 ASIM : A992-22/A336-19/A529-19-50/A5725021I1/A7093621/A7095021  
 CSA : G40.21-44w/G40.21-50w/G40.2150WM

Description Part #	Test/Heat JW	Beath Grade(s)	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni ***** CI	CE1 CE2 PCM
							Cr *****	Mo Ti	Sb *****	B *****	V N	Nb *****	Al *****	Fe *****						
W6X20	1215251	A992-22	.82	59200	72300	30.00	.07	1.04	.008	.019	.008	.019	.019	.26	.18	.05	.27	.3202	.1451	
050, 00.00"	A992-22		.84	408	421	0	.04	.01	.0065	.0003	.0056	.0056	.0056	.002	.032	4.38				
W150X29.8				72500	500	30.00														
015.2400m																				
376200050																				

Customer PO: 4500539911 BOL#H: 1663275

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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-(7.29CuXNi)-(9.10NiXP)-33.39(CuXCu)  
 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)  
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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 Nasyrov  
 Metallurgist/  
 Quality Control

