

CERTIFIED MILL TEST REPORT 6/11/22 9:08:05

NUCOR STEEL - BERKELEY 100% EAF MELTED AND MANUFACTURED IN THE USA
 1455 Hagan Avenue
 Huger, SC 29450
 Phone: (843) 336-6000

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 #.: 808 - 1
 Customer PO: P023192011
 B.O.L. #...: 1635726
 MOS: I

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

ASHTO : m270-345M270-50-19
 ASME : SA-36 13
 ASIM : A992-20/A36-19/A529-19-50/A5725021I1/A70933621/A7095021
 CSA : G40.21-44w/G40.21-50w/G40.2150WM

Description Part #	Heat Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C Cr *****	Mn Mo Il	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 PCM
C8X11.5	2206962	.85	58500	69100	26.82	.07	.82	.010	.021	.19	.08	.04	.23
020' 00.00'	A992-20	.84	403	476	25.90	.04	.02	.0040	.0002	.002	.029	2.47	.2664
C200X17.1			58800	69700	25.90		.001			.0045			.1273
006.0960m			405	481	24 PC(S)	5,520 lbs							
C8X13.75	2206946	.83	58200	70500	27.00	.07	1.00	.011	.023	.22	.08	.04	.26
020' 00.00'	A992-20		401	486		.05	.02	.0045	.0003	.003	.029	2.57	.3020
C200X20.5			58100	70300	27.00		.001			.0040			.1362
006.0960m			401	485	24 PC(S)	6,600 lbs							
S8X23	2205554	.81	56500	70000	27.53	.07	1.03	.008	.020	.24	.08	.04	.26
020' 00.00'	A992-20		390	483		.03	.01	.0038	.0003	.002	.030	2.49	.3035
S200X34			57400	70700	26.59		.001			.0048			.1358
006.0960m			396	487	8 PC(S)	3,680 lbs							

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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/50)+(Cr/20)+(Mo/15)+(V/10)+58 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

