

\*\*LAND 15  
 NUCOR STEEL - BERKELEY  
 1455 Hagan Avenue  
 FUGER, SC 29450  
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

8/03/22 18:03:05  
 100% RAF 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 #: 1485 - 2  
 B.O.L. #: 1647013  
 MOS: T

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 MOS: T

SPECIFICATIONS: Tested in accordance with ASTM specification A5/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.1.

\*\* More specs than space

AASHTO : M270-36-19/M270-50-19  
 ASME : SA-36 13  
 ASTM : A992-20/A36-19/A529-19-50/A575021T/A7095021  
 ASTM : Mult-Grade:/A36-19/A529-19-50/A575021T/A7095021

Description Part #	Heat# Test/Heat JN	Yield/ Tensile Ratio	Yield Tensile (PSI) (MPa)	Elong (%)	C		Mn		P		S		Si		Cu		Ni		CE1 CE2 Pcm
					Cr ****	Ti	Mo	Ti	Sn	B	V	N	Nb	CI	Ni	CI			
C6X8.2 020' 00.00" C152x12.2 006.0960m	1208426 Mult-Grade	.85 407 477	59000 407 477	26.00 4.7	.07 .03	.80 .01	.007 .0043	.017 .0002	.24 .002 .0047	.09 .027	.03 2.73	.22 .2631 .1241	.22 .2484 .1196	.15 .002 .0038	.08 .027 2.44	.04 2.44	.03 2.73	.22 .2631 .1241	
C6X8.2 020' 00.00" C152x12.2 006.0960m	2208431 Mult-Grade	.84 394 470	57200 394 470	25.00 4.7	.07 .03	.92 .01	.007 .0041	.015 .0002	.15 .002 .0038	.08 .027 2.44	.04 2.44	.22 .2484 .1196	.15 .002 .0038	.08 .027 2.44	.04 2.44	.03 2.73	.22 .2631 .1241		
C8X11.5 020' 00.00" C200X17.1 006.0960m	2207000 A992-20	.84 395 469	57300 395 469	27.63 4.7	.07 .03	.83 .01	.006 .0047	.017 .0002	.22 .002 .0036	.08 .027 2.33	.03 2.33	.22 .2587 .1208	.22 .002 .0036	.08 .027 2.33	.03 2.33	.03 2.33	.22 .2587 .1208		

Customer PO: 45325  
 Customer PO: 45325  
 Customer PO: 45999  
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 Customer PO: 1647013  
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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 = 26.0(Cu+3.88Ni+1.20Cr+1.49Si+17.28P-17.2(Cu+Ni))-(9.10Si+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.

3 Heat(s) for this MTR.  
 Dmitri Nassyrov  
 Metallurgist/  
 Quality Control