

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

CERTIFIED MILL TEST REPORT

8/15/23 22:51:28

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 - 4

B.O.L. #.: 1713867

MOS: T

MANHATTAN, KS 66505

CAHOOSA, 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).

AASHTO : M270-50-19

ASIM : A992-22;A529-19-50/A5725021T1/A7095021

CSA : G40,2150WM

Description Part #	Heat# Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr *****	Mn Mo Ti	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 Pcm
C15x40 040' 00.00" C381x59.52 012.1920m 2515400040	2311255 A992-22	.75	53200 367	71400 492	26.00	.07 .04	1.03 .01	.006 .0065	.020 .0004	.25 .002 .0060	.18 .031	.04	.26 .3114 .1418
4 Pc(s) 6,400 lbs Customer PO: 4500557226 BoL#: 1713867													
C15x40 040' 00.00" C381x59.52 012.1920m 2515400040	2311255 A992-22	.75	53200 367	71400 492	26.00	.07 .04	1.03 .01	.006 .0065	.020 .0004	.25 .002 .0060	.18 .031	.04	.26 .3114 .1418
1 Pc(s) 1,600 lbs Customer PO: 4500555651 BoL#: 1713867													

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 = $26.01Cu + 3.88Ni + 1.20Cr + 1.49Si + 17.28P - (7.29Cu \times Ni) - (9.10Ni \times P) - 33.39(Cu \times Cu)$
 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.

Dmitri Nassyrov
 Metallurgist/
 Quality Control

