

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

CERTIFIED MILL TEST REPORT

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.

7/20/23 14:55:51

Sold To: SOUTH ATLANTIC LLC
 1907 2 S 17TH ST
 WILMINGTON, NC 28401

Ship To: SOUTH ATLANTIC LLC
 HIGHWAY 280 WEST
 EVANS INDUSTRIAL PARK
 CLAXTON, GA 30417

Customer #: 1485 - 2
 B.O.L. #...: 1708907
 MOS: T

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 : M270-36-19M270-50-19
 ASME : SA-36 I3
 ASTM : A992-22:/A36-19/A529-19-50/A5725021T1/A7093621/A7095021
 ASTM : Multi-Grade:/A36-19/A529-19-50/A5725021T1/A7093621/A7095021
 CSA : G40.21-44w/G40.21-50w/G40.21300w/G40.21350w/G40.2150wM

** More specs than space

Description Part #	Heat# Grade (s) Test/Heat TW	Yield/ Tensile Ratio	Yield (PST) (MPa)	Tensile (PST) (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni		CE1 CE2 Pcm	
						Cr	Ti	Mo	Ti	Sn	B	V	N	Nb	Al	CI					

G6x8.2	2305521	.83	58700	70300	25.00	.07	.04	.84	.006	.015	.20	.08	.03	.22	.002	.027	2.48	.22	.2641	.1250	
020' 00.00"	Multi-Grade	.84	59300	70700	27.00	.04	.001	.01	.0038	.0002	.0039	.027	2.48	.22	.002	.027	2.48	.22	.2641	.1250	
006.0960m			409	487	30			4,920	lbs	Customer PO: 54773	BOL#: 1708907										

G6x8.2	2305515	.85	59800	70500	26.00	.07	.04	.84	.007	.016	.22	.09	.04	.23	.002	.027	2.74	.23	.2686	.1266	
020' 00.00"	Multi-Grade	.84	58900	70100	26.00	.04	.001	.01	.0044	.0003	.0041	.027	2.74	.23	.002	.027	2.74	.23	.2686	.1266	
C152x12.2			406	483	90			14,760	lbs	Customer PO: 54773	BOL#: 1708907										
006.0960m																					

G8x11.5	2304809	.84	59500	70800	27.00	.07	.03	.83	.008	.019	.20	.12	.04	.23	.002	.027	3.28	.23	.2660	.1248	
020' 00.00"	A992-22	.84	59400	70400	27.00	.05	.001	.01	.0082	.0002	.0041	.027	3.28	.23	.002	.027	3.28	.23	.2660	.1248	
C200x17.1			410	488	27.00			96													
006.0960m			410	485	96			22,080	lbs	Customer PO: 57058	BOL#: 1708907										

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-(7.29Cu+Ni)-(9.10Ni*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.

Dmitri Nassytov
 Metallurgist/
 Quality Control