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

CERTIFIED MILL TEST REPORT

7/19/23 22:29:26

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.

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. #...: 1708749

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 : M270-50-19
AASHTO : M270-36-19M270-50-19
ASME : SA-36 13
ASTM : A992-22:A529-19-50/A5725021T1/A7095021
ASTM : Mult-Grade:/A36-19/A529-19-50/A5725021T1/A7093621/A7095021

** More specs than space

A36 A50 A529 A7G3 A7G5 M36 M50 SA36 44W 50W

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
C10X15.3	1309513	.84	56800	67700	27.00	.06	.85	.008	.016	.18	.09	.04	.22
020' 00.00"	A992-22		392	467		.04	.01	.0037	.0003	.002	.030		.2586
C250X22.8		.82	55800	63000	27.00		.001			.0051		2.55	.1218
006.0960m			385	469	28 Pc(s)	8,568 lbs		Customer PO: 57058			BoL#: 1708749		
C10X15.3	1309517	.85	56800	67200	26.00	.07	.81	.009	.020	.19	.09	.04	.22
020' 00.00"	A992-22		392	463		.04	.01	.0044	.0004	.002	.027		.2576
C250X22.8		.83	56100	67300	27.00		.001			.0050		2.66	.1226
006.0960m			387	464	20 Pc(s)	6,120 lbs		Customer PO: 57058			BoL#: 1708749		
C6x10.5	2305460	.82	57600	70500	27.00	.07	1.05	.009	.016	.22	.09	.03	.26
020' 00.00"	Mult-Grade		397	485		.04	.01	.0043	.0004	.002	.028		.3036
C152x15.62		.82	58000	70400	25.00		.001			.0048		2.77	.1374
006.0960m			400	485	48 Pc(s)	10,080 lbs		Customer PO: 57300			BoL#: 1708749		

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
CI = 26.01Cu+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)

"All mechanical testing is performed by the Quality testing lab, which is independent of the production departments"
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