

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

CERTIFIED MILL TEST REPORT

1/11/24 9:05:08
 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: SUPERIOR SUPPLY AND STEEL
 PO BOX 2388
 SULPHUR, LA 70664
 Customer #: 808 - 1

Shld TO: SUPERIOR SUPPLY & STEEL
 318 CITY SERVICE HIGHWAY
 SULPHUR, LA 70663
 B.O.L. #...: 1740630
 MOS: T

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1.
 Quality Manual Rev #19 (11-30-22).
 AASHTO : M270-36-23M270-50-23
 ASME : SA-36 13
 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# Test/Heat JW	Grade(s)	Yield/ Tensile Ratio	Yield (MPa)	Tensile (PSI)	Elong %	C		Mn Ti	P		S	B	V	Si	Ni	Cu	Nb	N1	CE1	CE2	Pcm
							Cr	Mg		Sn	As											
C6X10.5	2314782	Multi-Grade	.83	57700	69700	27.00	.07	1.08	.01	.013	.019	.024	.002	.028	.03	.26	.3066	.1358				
020' 00.00"			.84	59000	70100	25.00	.03	.001	.001	.0050	.0003	.0052	.028	2.64								
C152X15.62			.84	59000	70100	25.00	.03	.001	.001	.0050	.0003	.0052	.028	2.64								
006.0960m				407	483	24 Pct(s)		5,040 lbs		Customer PO: P024637601												

C8X11.5	1317838		.85	60000	70600	28.00	.07	.81	.01	.008	.016	.019	.002	.028	.04	.22	.2556	.1212				
020' 00.00"			.85	59800	70600	25.00	.03	.001	.001	.0047	.0002	.0060	.028	2.78								
C200X17.1			.85	59800	70600	25.00	.03	.001	.001	.0047	.0002	.0060	.028	2.78								
006.0960m				412	487	28 Pct(s)		6,440 lbs		Customer PO: P024577801												

C8X11.5	2317843		.85	58700	69400	26.00	.07	.84	.01	.012	.018	.018	.002	.028	.03	.22	.2599	.1222				
020' 00.00"			.85	59500	70100	27.00	.05	.001	.001	.0044	.0002	.0059	.028	2.53								
C200X17.1			.85	59500	70100	27.00	.05	.001	.001	.0044	.0002	.0059	.028	2.53								
006.0960m				410	483	20 Pct(s)		4,600 lbs		Customer PO: P024577801												

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.
 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.

Emma Summers
 Metallurgist/
 Quality Control