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

CERTIFIED MILL TEST REPORT

8/14/24 15:33:46
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

Ship To: SUPERIOR SUPPLY & STEEL
318 CITY SERVICE HIGHWAY

SULPHUR, LA 70663

Customer #.: 808 - 1

B.o.L. #...: 1779608

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 : M270-50-23
ASTM : 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
W12x26	1406986	.81	56900	70100	26.00	.07	1.02	.010	.017	.27	.09	.04	.26
020' 00.00"	A992-22		392	483		.05	.00	.0044	.0003	.002	.030		.3085
W310X38.7		.81	56300	69500	24.00		.001			.0044		2.83	.1370
006.0960m			388	479	5 Pc(s)	2,600 lbs	Customer PO: P025092001 BoL#: 1779608						
W12x26	2406983	.80	55700	69400	28.00	.07	1.01	.011	.020	.24	.08	.04	.25
020' 00.00"	A992-22		384	479		.04	.01	.0044	.0003	.002	.029		.3003
W310X38.7		.79	54400	68900	24.00		.001			.0050		2.70	.1338
006.0960m			375	475	1 Pc(s)	520 lbs	Customer PO: P025092001 BoL#: 1779608						
W4X13	1410065	.82	56000	68000	24.00	.07	.87	.011	.014	.20	.11	.04	.23
020' 00.00"	A992-22		386	469		.05	.01	.0061	.0002	.002	.029		.2705
W100X19.3		.82	55100	66900	24.00		.001			.0076		3.06	.1252
006.0960m			380	461	32 Pc(s)	8,320 lbs	Customer PO: P025101801 BoL#: 1779608						

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*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.

Emma Summers
Metallurgist/
Quality Control