**LAND 15

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

CERTIFIED MILL TEST REPORT

7/30/24 14:50:31

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. #...: 1776951

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
W8X24	2406615	.79	57100	72500	24.00	.07	1.08	.009	.020	.26	.11	.05	.27
020' 00.00"	A992-22		394	500		.05	.01	.0054	.0003	.002	.029		.3199
W200X35.9		.78	57300	73000	24.00		.001			.0067		3.19	.1413
006.0960m			395	503	6 Pc(s)	2,880 lbs	Customer PO: P025063301	BoL#: 1776951					
W8X31	1406065	.82	56400	68900	26.00	.07	1.03	.009	.013	.23	.08	.03	.26
040' 00.00"	A992-22		389	475		.04	.00	.0040	.0004	.002	.031		.3009
W200X46.1		.81	55100	68400	24.00		.001			.0055		2.55	.1350
012.1920m			380	472	5 Pc(s)	6,200 lbs	Customer PO: P024953101	BoL#: 1776951					
W8X31	1406069	.79	54400	68500	26.00	.07	1.08	.008	.018	.29	.07	.04	.26
040' 00.00"	A992-22		375	472		.03	.00	.0041	.0005	.002	.031		.3158
W200X46.1		.79	54500	68700	26.00		.001			.0061		2.44	.1391
012.1920m			376	474	1 Pc(s)	1,240 lbs	Customer PO: P024953101	BoL#: 1776951					

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

15 Heat(s) for this MTR.