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

CERTIFIED MILL TEST REPORT

5/28/22 9:59:49

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
Customer PO: P023192011
B.o.L. #...: 1632796
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 : m270-345M270-50-19
AASHTO : m270-345M270-36-19/M270-50-19
ASME : SA-36 13
ASTM : A992-20:/A36-19/A529-19-50/A5725021T1/A7093621/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
C8X11.5	2207012	.83	57900	70000	28.00	.07	.83	.007	.018	.23	.08	.05	.23
020' 00.00"	A992-20		399	483		.04	.02	.0047	.0002	.002	.026		.2719
C200X17.1		.84	56900	68000	29.00		.001			.0043		2.61	.1281
006.0960m			392	469	12 Pc(s)	2,760 lbs	Customer PO: P023192011 BoL#: 1632796						
L6x6x(3/8)	1206676	.82	56500	69200	26.73	.07	1.05	.006	.015	.25	.09	.03	.27
020' 00.00"	Mult-Grade		390	477		.04	.01	.0048	.0003	.002	.031		.3138
L152x152x9.5		.81	56000	69400	26.46		.001			.0053		2.70	.1434
006.0960m			386	479	17 Pc(s)	5,066 lbs	Customer PO: P023192011 BoL#: 1632796						
W12x26	2204663	.81	56500	69400	25.93	.07	1.02	.009	.024	.27	.14	.04	.26
020' 00.00"	A992-20		390	479		.05	.02	.0062	.0003	.002	.030		.3136
W310X38.7		.83	57600	69500	24.31		.001			.0040		3.72	.1385
006.0960m			397	479	6 Pc(s)	3,120 lbs	Customer PO: P023192011 BoL#: 1632796						

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