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

CERTIFIED MILL TEST REPORT

8/07/20 14:33:03

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: 218565-11
B.o.L. #...: 1495992
MOS: T

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-19 and A370. Quality Manual Rev #12 (8-27-19).
** More specs than space
AASHTO : m270-345M270-50-19
AASHTO : m270-345M270-36-19/M270-50-19
ASME : SA-36 13
ASTM : A992-11(15:/A36-19/A529-19-50/A5725018T1/A7093618/A7095018
ASTM : Mult-Grade:/A36-19/A529-19-50/A5725018T1/A7093618/A7095018 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
C8X13.75	1002274	.83	59500	72100	25.00	.07	1.04	.007	.024	.26	.14	.04	.26
020' 00.00"	A992-11(15		410	497		.05	.01	.0058	.0002	.004	.029		.3126
C200X20.5		.82	60100	72900	25.00		.001			.0056		3.65	.1384
006.0960m			414	503	36 Pc(s)	9,900 lbs	Customer PO: 218565-11		BoL#: 1495992				
L6x6x(1/2)	2009296	.83	60300	72800	24.00	.07	1.29	.009	.025	.28	.24	.06	.32
020' 00.00"	Mult-Grade		416	502		.07	.01	.0094	.0003	.002	.037		.3707
L152x152x13		.83	60600	73100	24.00		.001			.0060		5.07	.1585
006.0960m			418	504	12 Pc(s)	4,704 lbs	Customer PO: 218565-11		BoL#: 1495992				
L6x6x(1/2)	2009261	.95	69600	73000	23.00	.07	1.21	.013	.009	.34	.14	.04	.29
020' 00.00"	Mult-Grade		480	503		.06	.01	.0060	.0002	.003	.035		.3579
L152x152x13		.83	60600	73000	24.00		.001			.0040		3.84	.1506
006.0960m			418	503	12 Pc(s)	4,704 lbs	Customer PO: 218565-11		BoL#: 1495992				

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