

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

CERTIFIED MILL TEST REPORT

8/11/23 9:58:03
 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
 B.O.L. #...: 1713097
 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 : M270-36-19M270-50-19
 ASME : SA-36 13
 ASTM : A992-22/A36-19/A529-19-50/A5725021M1/A7093621/A7095021
 ASTM : Multi-Grade:/A36-19/A529-19-50/A5725021M1/A7093621/A7095021
 CSA : G40.21-44W/G40.21-50W/G40.21300W/G40.21350W/G40.2150MM
 ** More specs than space

Description Part #	Heat# Grade(s) Test/Heat JM	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C			Mn			P			S			Si			Cu			Ni			CE1 CE2 Pcm
						Cr	Mo	TI	Sn	B	V	N	Nb	CI	Cu	Nb	CI	Ni	Ce1	Ce2	Pcm						
S8X23	2308909	.83	56200	68100	27.00	.07	1.02	.014	.018	.21	.07	.03	.25												.25		
020' 00.00"	A992-22	.82	387	470	.04	.04	.0061	.0003	.002	.030	.030	.2944													.2944		
S200X34	56400	.82	56400	64400	28.00	.001	.001	.0061	.0003	.0040	.030	.242													.242		
006.0960m	389	.82	389	472	2 Pc(s)	920 lbs	Customer PO: P024304501	BOL#: 1713097																	.1327		

W12X26	2307683	.82	61600	75100	23.00	.07	1.03	.009	.014	.23	.08	.04	.26													.26
020' 00.00"	A992-22	.80	425	518	22.00	.04	.01	.0042	.0005	.002	.031	.3017														.3017
W310X38.7	59200	.80	59200	73600	22.00	.001	.001	.0042	.0005	.0048	.031	2.47														1.361
006.0960m	408	.80	408	507	17 Pc(s)	8,840 lbs	Customer PO: P024304501	BOL#: 1713097																		.1361

W12X26	1307688	.79	58300	74200	24.00	.07	1.07	.005	.015	.24	.09	.04	.26													.26
020' 00.00"	A992-22	.82	402	512	25.00	.04	.00	.0059	.0004	.002	.031	.3087														.3087
W310X38.7	61100	.82	61100	74800	25.00	.001	.001	.0059	.0004	.0040	.031	2.65														1.378
006.0960m	421	.82	421	516	1 Pc(s)	520 lbs	Customer PO: P024304501	BOL#: 1713097																		.1378

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. 'All mechanical testing is performed by the Quality
 CI = 26.01(Cu)+3.88(Ni)+1.20(Cr)+1.49(Si)+17.28P-(V/2.39)(Ni)- (9.10Ni)*P) -33.39(Cu*Cu) testing lab, which is independent of the production
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/50)+(Cr/20)+(Mo/15)+(V/10)+5S
 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.

Dmitri Nassyrov
 Metallurgist/
 Quality Control