

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

CERTIFIED MILL TEST REPORT

2/27/23 15:55:53
 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.

SHIP TO: LONGVIEW WAREHOUSE
 4750 WEST MARSHALL AVE
 LONGVIEW, TX 75604
 Customer #: 472 - 14
 B.O.I. H...: 1682289
 MOS: I

MANHATTAN, KS 66505
 SPECIFICATIONS: Tested in accordance with ASTM specification A5/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.

ASTM : M270-50-19
 A572-19-50/A5725021T1/A7095021
 Quality Manual Rev #16 (4-30-21).

Description	Test/Heat	Grade(s)	Yield Tensile (PSI)	Yield Tensile (MPa)	Ratio	Elong %	C	Cr	Mn	Mo	Ti	P	Sn	S	B	Si	V	N	Cu	Nb	Ni	CI	CE1	CE2	PCM
W12x35	2302790	A992-22	55000	70300	26.00	.07	.05	1.05	.01	.005	.016	.005	.0002	.016	.002	.26	.002	.030	.13	.030	.04	.04	.27	.3194	.1434
W310X52	54300	A992-22	54300	69400	25.00	.78	.05	.01	.001	.0059	.0002	.0050	.0050	.016	.002	.26	.002	.030	.13	.030	.04	.04	.27	.3194	.1434
W8X13	2217401	A992-22	58800	70800	27.00	.83	.07	.03	.001	.005	.020	.0074	.0002	.019	.002	.19	.002	.030	.19	.030	.14	.14	.25	.2864	.1357
W200X19.3	59600	A992-22	59600	71100	29.00	.84	.06	.03	.001	.0074	.0002	.0065	.0065	.019	.002	.19	.002	.030	.19	.030	.14	.14	.25	.2864	.1357
W200X31.3	56400	A992-22	56400	67500	29.00	.84	.04	.01	.001	.007	.021	.0002	.0002	.017	.002	.17	.002	.13	.13	.028	.05	.05	.23	.2640	.1272
W06.0960m	389	A992-22	389	465	36 pc(s)	.84	.07	.04	.001	.007	.021	.0002	.0002	.017	.002	.17	.002	.13	.13	.028	.05	.05	.23	.2640	.1272
W06.0960m	389	A992-22	389	465	36 pc(s)	.84	.07	.04	.001	.007	.021	.0002	.0002	.017	.002	.17	.002	.13	.13	.028	.05	.05	.23	.2640	.1272

Customer PO: 4500546255 BOL#: 1682289
 Customer PO: 4500546678 BOL#: 1682289

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 Nagayrov
 Metallurgist
 Quality Control

