

NUCOR STEEL - BERKELEY
 14455 Hagan Avenue
 Ruger, SC 29450
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

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.

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.

RASTHD : M270-50-19
 RASTM : A992-22/A529-19-50/A5725021T1/A7095021
 CSR : G40,2150W

Part #	Description	Heat Grade(s)	Test/Heat	JW	Yield/Tensile Ratio	Yield (MPa)	Tensile (MPa)	Elong %	C Cr	Mn Mo Ti	P S	Si V N	Cu ND	Ni CI	CE1 CE2 Pcm	
																Yield (PSI)
C10X15.3	040' 00.00'	A992-22	2313835	84	57200	68200	26.00	.07	.06	.80	.009	.019	.22	.14	.06	.23
C250X22.8	012.1920m	A992-22	8992-22	.82	56400	68400	27.00	.06	.02	.02	.0050	.0002	.002	.026	3.75	.2708
2510153040					389	472	12	7,344	Customer PD: 4500559842	7,344	1bs	Customer PD: 4500559842	1724214	Customer PD: 4500559842	1724214	1,265
C10X15.3	040' 00.00'	A992-22	2313830	.84	59400	70900	26.00	.07	.06	.87	.011	.018	.21	.13	.05	.24
C250X22.8	012.1920m	A992-22	8992-22	.84	57900	68700	25.00	.06	.02	.02	.0042	.0002	.002	.026	3.46	.2784
2510153040					399	474	24	14,688	Customer PD: 4500559842	14,688	1bs	Customer PD: 4500559842	1724214	Customer PD: 4500559842	1724214	1,286
W6X20	020' 00.00'	A992-22	1312488	.81	57600	70900	25.00	.07	.05	1.01	.010	.019	.26	.09	.03	.25
W150X29.8	006.0960m	A992-22	8992-22	.81	59200	73400	25.00	.05	.01	.01	.0042	.0004	.002	.030	2.74	.3024
376200020					408	506	36	14,400	Customer PD: 4500561069	14,400	1bs	Customer PD: 4500561069	1724214	Customer PD: 4500561069	1724214	1,354

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. "All mechanical testing is performed by the Quality Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B testing lab, which is independent of the production CE1 = C+(Mn/6)+(Cr+Mo+V)/5)+(Ni+Cu)/15) CE2 = C+(Mn+Si)/6)+(Cr+Mo+V+Cu)/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.

Dmitry Nasyrov
 Metallurgist
 Quality Control

