

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

CERTIFIED MILL TEST REPORT

100% ERF 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.

3/19/23 12:15:54

SOLD TO: SUPERIOR SUPPLY AND STEEL
 PO BOX 2388
 SULPHUR, IA 70664

SHIP TO: SUPERIOR SUPPLY & STEEL
 318 CITY SERVICE HIGHWAY
 SULPHUR, IA 70663
 Customer #: 808 - 1
 B.O.I. H....: 1686444
 MOS: I

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

RASTRO : M270-50-19
 RASTM : A992-22/A529-19-50/A57250211/A7095021
 CSA : G40.2150WM

Part #	Description	Heat Grade(s)	Yield/Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C Cr	Mn Mo Ti	P S	S B	Si V N	Cu Nb	Ni CI	CE1 CE2
W6X20	020' 00.00"	2302538	.80	54700	68800	28.00	.07	1.03	.006	.019	.23	.13	.05	.26
W150X29.8	020' 00.00"	A992-22	.80	377	474	28.00	.04	.01	.0063	.0003	.002	.030	3.51	.3036
W6X20	006.0960m	2302538	.80	56200	70200	28.00	.07	1.03	.006	.019	.23	.13	.05	.26
W6X20	020' 00.00"	A992-22	.82	57600	70600	28.00	.07	1.09	.005	.017	.30	.12	.06	.28
W150X29.8	006.0960m	A992-22	.81	397	487	28.00	.05	.02	.0054	.0004	.003	.031	3.39	.3325
W6X25	020' 00.00"	1302579	.78	55600	71100	26.00	.07	1.03	.005	.019	.25	.11	.04	.26
W150X37.1	006.0960m	A992-22	.70	383	490	25.00	.04	.01	.0051	.0003	.002	.029	3.13	.3075
W6X25	020' 00.00"	1302579	.78	55600	71100	26.00	.07	1.03	.005	.019	.25	.11	.04	.26
W150X37.1	006.0960m	A992-22	.70	383	490	25.00	.04	.01	.0051	.0003	.002	.029	3.13	.3075

Elongation based on 8" (20.32cm) gauge length. (No Weld Repair) was performed. "All mechanical testing is performed by the quality testing lab, which is independent of the production departments"
 CE1 = C+(Mn/5)+((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 Nasyrov
 Metallurgist/
 Quality Control



12 Heat(s) for this MTR.