

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

CERTIFIED MILL TEST REPORT

3/24/23 20:33:36
 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.

Customer #: 472 - 14

MANHATTAN, KS 66505

LONGVIEW, TX 75604

B.O.L. H...: 1687740

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 H16 (4-30-21).

RASTRO : M270-50-19

ASTM : 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	Cu	Ni	CE1	CE2	Pcm
W12x16		2215427				.86	62700	72700	28.00	.07	.07	.87	.04	.001	.006	.018	.21	.17	.12	.25	.2953	
040' 00.00'		9392-22				.86	432	501	27.00	.07	.07	.04	.001	.0064	.0002	.002	.0046	.028	.30			
W310x23.8							62200	72400														
012.1920m							429	499														
3712160040																						

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 Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. "All mechanical testing is performed by the Quality
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-(9.10NiXP)-33.39(CuXCu) testing lab, which is independent of the production
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B 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)
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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

