

TEST REPORT 12/03/24 22:47:14
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

MOS: I

0-50-23

W5X16	1404747	.83	56300	67500	26.00	.07	.81	.008	.013	.19	.09	.03	.22
020, 00.00"	R992-22		388	465		.05	.00	.0047	.0002	.002	.027		.2575
W130X3.8		.82	55000	66900	26.00		.001		.0079			2.59	.1221
006.0960m			379	461									
						9 P/C(S)	2,880 lbs	Customer	PO: P025310401	BoH:	1798264		

Elongation based on 8 (20,32cm) gauge length, 'No Weld Repair' was performed. 'All mechanical testing is performed by the Quality
 CI = 26.01C+3.68Ni+1.20Cr+1.49Si+17.28P-(.129Cu*(XNi))-9.10(Ni*P)-33.39(Cu*(Cu)) 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 department
 CE1 = C+(Mn/6)+(Cr+Mo+V)/5)+(Ni+Cu)/15
 CE2 = C+(Mn+Si)/6)+(Cr+Mo+V+Cb)/5)+(Ni+Cu)/15

Emma Summers
Metallurgist/
Quality Control

Ernst Sommer

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

CERTIFIED MILL TEST REPORT

12/03/24 22:47:44
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,
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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
Customer PO: P025310401
B.O.I. #: 1798264

MOS: I

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1.
Quality Manual Rev #19 (11-30-22).

PARSED : M270-50-23

ASTM : A992-22;A36-19/A529-19-50/A57250211/A7095021

CSA : G40.2150W

Description	Heat	Yield/ Tensile	Yield/ Tensile	Elong	C	Mn	P	S	Si	Cu	Ni	CE1
Part #	Test/Heat	Ratio	(MPa)	%	Cr	Mo	Sb	B	V	Nb	CI	CE2
					*****	Ti	*****	*****	N	*****		Pcm
W6X15	2414584	.86	63600	26.00	.07	1.09	.010	.021	.25	.18	.10	.29
020' 00.00'	A992-22	.86	439	508	.07	.02	.0079	.0004	.002	.032		.3343
W150X22.5	2414584	.86	62800	25.00	.07	.02	.0079	.0004	.0039	.032	4.44	.1492
006.0960m			433	505	4 Pc(s)	1,200 lbs	Customer	PO: P025310401	BoH: 1798264			
W6X15	2414586	.85	59900	24.00	.07	1.07	.010	.023	.23	.15	.08	.27
020' 00.00'	A992-22	.84	413	485	.06	.01	.0076	.0004	.002	.029		.3169
W150X22.5	2414586	.84	58700	25.00	.06	.01	.0076	.0004	.0054	.029	3.92	.1408
006.0960m			405	481	14 Pc(s)	4,200 lbs	Customer	PO: P025310401	BoH: 1798264			
W6X25	2414749	.80	55800	27.00	.07	1.06	.011	.019	.25	.12	.05	.27
020' 00.00'	A992-22	.82	385	480	.06	.01	.0062	.0003	.002	.030		.3162
W150X37.1	2414749	.82	57000	26.00	.06	.01	.0062	.0003	.0071	.030	3.37	.1413
006.0960m			393	482	11 Pc(s)	5,500 lbs	Customer	PO: P025310401	BoH: 1798264			

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-(7.29Cu+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/60)+(Cr/20)+(Mo/15)+(V/10)+5B departments"
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.

Emma Summers
Metallurgist/
Quality Control

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Burger, SC 29450
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Quality Manual Rev #19 (11-30-22).

RASTED : M270-50-23

ASTM : A992-22;A36-19/A529-19-50/A5725021T1/A7095021

CSA : G40.2150WM

Description	Heat	Yield/	Tensile	Elong	C	Mn	P	S	Si	Cu	Ni	CE1
Part #	Test/Heat	Ratio	(MPa)	%	Cr	Mo	Sn	B	V	Nb	Cl	CE2
					*****	Ti	*****	*****	N	*****		Pcm
W6X25	2414753	.80	56200	27.00	.07	1.05	.012	.021	.30	.10	.04	.27
020' 00.00'	A992-22		387	485	.06	.01	.0061	.0005	.002	.031		.3220
W150X37.1		.82	57300	26.00		.001			.0060		3.18	.1430
006.0960m			395	483			Customer PO: P025310401					
							BoH: 1798264					
W8X24	2415763	.78	59000	25.00	.07	1.03	.012	.023	.26	.27	.16	.31
020' 00.00'	A992-22		407	523	.13	.06	.0150	.0003	.005	.028		.3550
W200X35.9		.77	59000	24.00		.001			.0068		5.59	.1562
006.0960m			407	525			Customer PO: P025310401					
							BoH: 1798264					

8 Heat(s) for this MTR.

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