

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

CERTIFIED MILL TEST REPORT

11/14/24 5:57:44  
 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,  
 Mercury not intentionally added at any point during manufacturing.

Sold To: SUPERIOR SUPPLY AND STEEL  
 PO BOX 2388  
 SUIPHUR, IA 70664

Ship To: SUPERIOR SUPPLY & STEEL  
 318 CITY SERVICE HIGHWAY  
 SUIPHUR, IA 70663

Customer #: 808 - 1  
 B.O.L. H...: 1795201  
 MOS: 1

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1.

RASTD : M270-50-23  
 ASTM : A992-22/A936-19/A529-19-50/A5725021T1/A7095021  
 CSR : G40,2150W

Part #	Description	Heat#	Grade(s)	Test/Heat #	Yield/ Tensile Ratio	Yield (MPa)	Tensile (MPa)	Elong %	C	Cr	Mn	Mo	Ti	P	S	Si	Cu	Ni	CE1	CE2	PCM	
																						PC(s)
C12X20.7				2412727	.83	58900	71100	24.00	.07	.04	1.03	.01	.001	.008	.014	.21	.10	.04	.26	.2797	.3024	.1368
020' 00.00'				A992-22	.86	60800	71000	25.00	.04	.0048	.002	.002	.002	.0048	.0002	.002	.030	.04	.2797	.3024	.1368	
C310X30.8						419	490	8	3,312	lbs	Customer	PO: P025275701	BoH: 1795201									
006.0960m																						
S3X5.7				2409404	.81	60000	74300	24.00	.07	.06	.87	.01	.001	.012	.018	.24	.10	.04	.24	.2797	.3024	.1294
020' 00.00'				A992-22	.82	60800	74200	25.00	.06	.0049	.002	.002	.002	.0048	.0002	.002	.015	.04	.2797	.3024	.1294	
S75X8.5						419	512	35	3,990	lbs	Customer	PO: P025275701	BoH: 1795201									
006.0960m																						
S8X23				2408410	.81	57200	71000	25.00	.07	.05	1.08	.01	.001	.010	.019	.30	.10	.05	.27	.3304	.1466	
020' 00.00'				A992-22	.82	58300	71500	25.00	.05	.0055	.004	.002	.002	.0045	.0004	.002	.031	.05	.27	.3304	.1466	
S200X34						402	493	16	7,360	lbs	Customer	PO: P025275701	BoH: 1795201									
006.0960m																						

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. "All mechanical testing is performed by the Quality Department testing lab, which is independent of the production department."

CE1 = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B  
 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



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

CERTIFIED MILL TEST REPORT

11/14/24 5:57:44  
 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.

SOLD TO: SUPERIOR SUPPLY AND STEEL  
 PO BOX 2388

SHIP TO: SUPERIOR SUPPLY & STEEL  
 318 CITY SERVICE HIGHWAY

SULPHUR, IA 70664  
 SULPHUR, IA 70663  
 Customer #: 808 - 1  
 B.O.I. H....: 1795201  
 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).

RASTD0 : M270-50-23  
 ASTM : A992-22;A36-19/A529-19-50/A5725021T1/A7095021  
 CSA : G40.2150WM

Part #	Description	Heat Grade(s)	Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI) (Mpa)	Tensile (PSI) (Mpa)	Elong %	C Cr	Mn Mo Ti	P Sn	S B	Si V N	Cu NB	Ni CI	CE1 CE2 Pcm
W6X16	1404763			.81	55300	68300	29.00	.07	.81	.006	.016	.24	.11	.03	.22
020' 00.00'	A992-22			.82	383	471	27.00	.04	.01	.0049	.0003	.002	.027	.03	.2655
W130X23.8	55200				67500				.001			.0048		3.09	.1246
006.0960m	381				465		12 Pc(s)		3,840 lbs	Customer PO: P025275701	BoH: 1795201				
W6X15	2414584			.86	63600	73700	26.00	.07	1.09	.010	.021	.25	.18	.10	.29
020' 00.00'	A992-22			.86	439	508	25.00	.07	.02	.0079	.0004	.002	.032	.44	.3343
W150X22.5	62800				73200				.001			.0059		4.44	.1492
006.0960m	433				505		45 Pc(s)		13,500 lbs	Customer PO: P025275701	BoH: 1795201				
W6X15	2414584			.86	63600	73700	26.00	.07	1.09	.010	.021	.25	.18	.10	.29
020' 00.00'	A992-22			.86	439	508	25.00	.07	.02	.0079	.0004	.002	.032	.44	.3343
W150X22.5	62800				73200				.001			.0059		4.44	.1492
006.0960m	433				505		9 Pc(s)		2,700 lbs	Customer PO: P025191601	BoH: 1795201				

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



NUCOR STEEL - BERKELEY  
 1435 Hagan Avenue  
 Ridger, SC 29450  
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

11/14/24 5:57:44  
 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.

SOLD TO: SUPERIOR SUPPLY AND STEEL  
 PO BOX 2388  
 SUIPHUR, IA 70664  
 SHIP TO: SUPERIOR SUPPLY & STEEL  
 318 CITY SERVICE HIGHWAY  
 SUIPHUR, IA 70663  
 Customer #: 808 - 1  
 B.O.I. H...: 1795201  
 MOS: 1

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).

RASTRO : M270-50-23  
 ASTM : A992-22;A36-19/A529-19-50/A5725021T1/A7095021  
 CSA : G40.2150WM

Description	Heat	Yield/Tensile	Yield/Tensile	Elong	C	Mn	P	S	Si	Cu	Ni	CE1
Part #	Grade(s)	Ratio	(PSI)	%	Cr	Mo	Su	B	V	Nb	CI	CE2
	Test/Heat		(MPa)		*****	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	.44	.3343
W150X22.5	62800	.86	73200	25.00	.07	.001	.0079	.0004	.0039	.032	.44	.1492
006.0960m	433	.86	505	9 Pc(s)	2,700 lbs	.001	Customer PO: P025275701	.001	.0039	.032	.44	.1492
W8X24	2415760	.80	58000	25.00	.07	1.03	.011	.024	.22	.28	.15	.29
020' 00.00'	A992-22	.80	400	499	.10	.03	.0160	.0003	.002	.029	.56	.3353
W200X35.9	58300	.80	72900	25.00	.10	.001	.0160	.0003	.0070	.029	5.56	.1497
006.0960m	402	.80	503	12 Pc(s)	5,760 lbs	.001	Customer PO: P025191601	.001	.0070	.029	5.56	.1497
W8X31	1415206	.79	55200	20.00	.07	1.01	.016	.022	.22	.22	.06	.28
020' 00.00'	A992-22	.81	381	481	.10	.01	.0071	.0003	.002	.029	.90	.3190
W200X46.1	57300	.81	70600	24.00	.10	.001	.0071	.0003	.0066	.029	4.90	.1445
006.0960m	395	.81	487	1 Pc(s)	620 lbs	.001	Customer PO: P025275701	.001	.0066	.029	4.90	.1445

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+Si)/6)+((Cr+Mo+V+Cb)/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

*Emma Summers*

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

CERTIFIED MILL TEST REPORT

11/14/24 5:57:44  
 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.

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  
 B.O.I. #: 1795201  
 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).

RASTD0 : M270-50-23  
 ASTM : A992-22/A36-19/A529-19-50/A572S021T1/A709S021  
 CSA : G40.2150WM

Part #	Description	Heat	Yield/Tensile Ratio	Yield (MPa)	Tensile (MPa)	Elong %	C	Cr	Mn	Mo	Ti	P	S	Sb	Si	V	N	Cu	Nb	Ni	CI	CE1	CE2	Pcm
WBX31		1415208	.81	57400	71000	25.00	.07	.11	.015	.025	.024	.22	.22	.06	.29	.3407	.1524							
020' 00.00'		A992-22	.80	56800	70900	23.00	.09	.01	.0068	.0003	.002	.032	.032	4.95										
W200X46.1				392	489	5 Pc(s)	3,100 lbs																	
006.0960m																								

10 Heat(s) for this MTR.

=====  
 Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.  
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-(9.10NiXP)-33.39(CuXCu)  
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+((Cr/20)+(Mo/15)+(V/10))+5B  
 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.

=====  
 Emma Summers  
 Metallurgist/  
 Quality Control  
 =====

