

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

CERTIFIED MILL TEST REPORT

9/20/24 15:49:14
 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, IA 70664
 Customer #: 808 - 1
 B.O.L. H...: 1786103
 MOS: I

Sold To: SUPERIOR SUPPLY & STEEL
 318 CITY SERVICE HIGHWAY
 SULPHUR, IA 70663

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1.
 Quality Manual Rev H19 (11-30-22).

RASTRO : M270-50-23
 ASTM : A992-22/A529-19-50/A57250211/A7095021
 CSA : G40.2150W

Description Part #	Heat Grade(s) Test/Heat #	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr	Mn Mo Ti	P S _n	S B	Si V N	Cu NB	Ni CI	CE1 CE2 Pcm
M6X4.4 040' 00.00'	2409330 A529-19-50	.94	71300	76000	20.00	.07	.86	.009	.014	.21	.08	.04	.23
M152X6.5 012.1920m	492 A529-19-50	.93	492	524	19.00	.04	.01	.0037	.0002	.002	.007	2.45	.2642
M6X4.4 040' 00.00'	2409335 A529-19-50	.93	72600	78100	19.00	.07	.83	.007	.016	.21	.07	.03	.22
M152X6.5 012.1920m	493 A529-19-50	.93	501	538	19.00	.04	.01	.0037	.0002	.002	.008	2.33	.2600
W12X26 020' 00.00'	1411513 A992-22	.80	56300	70700	24.00	.07	1.00	.009	.021	.23	.16	.05	.26
W310X38.7 006.0960m	6992-22	.79	388	487	23.00	.04	.01	.0076	.0004	.002	.029	4.05	.3021
			56500	71400	23.00		.001			.0070			.1380
			390	492	6 Pc(s)		3,120 lbs	Customer PO: P025180901	BoH: 1786103				

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

Emma Summers

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

CERTIFIED MILL TEST REPORT

9/20/24 15:49:14
 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. #: 1786103
 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).

RASTRD : M270-50-23
 ASIM : A992-22;A529-19-50/A57250211/A7095021
 CSA : G40.2150WM

Part #	Description	Heat Grade(s)	Test/Heat JW	Yield/Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C Cr	Mn Mo	P S	S B	Si V	Cu NB	Ni CI	CE1	CE2	PCM
W4X13	020' 00.00'	A992-22	2410085	.81	56400	69600	23.00	.07	.84	.011	.019	.22	.09	.04	.23	.2753	.1302
W100X19.3	006.0960m	A992-22	57500	.83	389	480	24.00	.05	.01	.0050	.0002	.0036	.029	2.68			
			396		479		16 P c(s)	4,160 lbs		Customer PO: P025180901			1786103				
W6X15	020' 00.00'	A992-22	1411397	.84	59200	70300	27.00	.07	1.06	.010	.018	.27	.09	.05	.27	.3183	.1420
W150X22.5	006.0960m	A992-22	60200	.83	408	485	26.00	.05	.01	.0050	.0003	.0051	.032	2.87			
			415		500		36 P c(s)	10,800 lbs		Customer PO: P025180901			1786103				
W6X20	020' 00.00'	A992-22	1411494	.81	54600	67200	26.00	.07	1.01	.008	.017	.23	.11	.04	.26	.2997	.1363
W150X29.8	006.0960m	A992-22	54500	.80	376	463	26.00	.04	.01	.0050	.0003	.0057	.028	3.11			
			376		467		9 P c(s)	3,600 lbs		Customer PO: P025104801			1786103				

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. 'All mechanical testing is performed by the Quality Dept. = 26.01Cr+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 department's"
 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
 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.

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. #: 1786103
 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).

RASTRD : M270-50-23
 ASIM : A992-22;A529-19-50/A57250211/A7095021
 CSA : G40.2150WM

Part #	Description	Heat Grade(s)	Test/Heat JW	Yield/Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C Cr	Mn	P	S	Si	Cu	Ni	CE1
W6X9	020' 00.00'	A992-22	401	.85	59200	69500	27.00	.07	.83	.009	.016	.18	.09	.04	.23
W150X13.5	020' 00.00'	A992-22	408	.85	408	479	26.00	.04	.01	.0049	.0002	.0063	.025	2.70	.2604
006.0960m			58100		68700			.001	.001			.0063			.1248
			401		474		21 P c(s)	3,780 lbs	Customer PO: P025146201	BoH: 1786103					
W8X13	020' 00.00'	A992-22	399	.85	57900	68100	29.00	.07	.81	.007	.017	.20	.12	.04	.22
W200X19.3	020' 00.00'	A992-22	470	.84	57500	68400	28.00	.03	.01	.0043	.0001	.0053	.028	3.27	.2624
006.0960m			396		472		14 P c(s)	3,640 lbs	Customer PO: P025180901	BoH: 1786103					.1262
W8X15	020' 00.00'	A992-22	387	.84	56000	67000	28.00	.07	.82	.011	.018	.24	.10	.04	.23
W200X22.5	020' 00.00'	A992-22	462	.83	56200	67500	27.00	.05	.01	.0043	.0002	.0053	.028	2.98	.2734
006.0960m			387		465		12 P c(s)	3,600 lbs	Customer PO: P025146201	BoH: 1786103					.1285

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

Emma Summers

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

CERTIFIED MILL TEST REPORT

9/20/24 15:49:14
 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, IA 70664

SHIP TO: SUPERIOR SUPPLY & STEEL
 318 CITY SERVICE HIGHWAY
 SULPHUR, IA 70663

Customer #: 808 - 1
 B.O.I. #: 1786103
 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 H19 (11-30-22).

RASTRD : M270-50-23
 ASIM : A992-22:A529-19-50/A57250211/A7095021
 CSA : G40.2150WM

Part #	Description	Heat Grade(s)	Test/Heat JW	Yield/Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C Cr	Mn Mo Ti	P Sn	S B	Si V N	Cu Nb	Ni CI	CE1 CE2 Pcm		
W8X24	020' 00.00'	2411253	A992-22	.80	57400	71400	25.00	.07	.01	.011	.017	.24	.09	.04	.26		
W200X35.9	006.0960M	2411253	A992-22	.82	58800	71900	25.00	.04	.01	.0048	.0003	.0066	.031	2.74	.3083		
W8X24	020' 00.00'	2411257	A992-22	.80	57300	71500	26.00	.07	.01	.009	.018	.25	.09	.04	.26		
W200X35.9	006.0960M	2411257	A992-22	.80	56800	71200	24.00	.04	.001	.0048	.0003	.0059	.031	2.80	.3103		
								Customer PO: P025180901								BoH: 1786103	

11 Heat(s) for this MTR.

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)

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

