

Buyer: SC 29420  
Phone: (843) 336-6000

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

Customer #: 808 - 1  
B.O.L. #: 1681930  
MOS: I

CERTIFIED MILL TEST REPORT

2/24/23 19:55:47  
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.

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).

ARSHD : M270-50-19  
ASTM : A992-22/A529-19-50/A5725021T1/A7095021

Description	Test/Heat	Ratio	Yield (PSI)	Tensile (PSI)	Elong %	C	Cr	Mn	Mo	Ti	P	Sh	S	B	Si	V	N	Cu	Nb	Ni	CI	CE1	CE2	Pcm	
C10X15.3	2216660	*	61200	72100	24.00	.07	.07	.88	.03	.001	.006	.018	.018	.018	.19	.002	.0046	.20	.030	.09	.09	.25	.2930	.1372	
020' 00.00'	R992-22		422	497	26.00	.07	.07	.88	.03	.001	.0069	.0002	.0002	.0002	.002	.0059	.029	.030	.030	.09	.09	.25	.2930	.1372	
C250X22.8	421		61000	72200	26.00	.07	.07	.88	.03	.001	.0069	.0002	.0002	.0002	.002	.0059	.029	.030	.030	.09	.09	.25	.2930	.1372	
006.0960m			421	498	36	pc(s)	11.016	lbs			Customer PD:	P023728711													

W4X13

020' 00.00'	R992-22		59000	73900	24.00	.08	.09	.86	.02	.001	.008	.020	.020	.020	.22	.002	.0069	.26	.029	.08	.08	.25	.3047	.1461
W100X19.3	2301013*		407	510	24.00	.08	.09	.86	.02	.001	.0076	.0002	.0002	.0002	.002	.0069	.029	.029	.08	.08	.08	.25	.3047	.1461
006.0960m			412	514	32	pc(s)	8.320	lbs			Customer PD:	P023848611												

W8X15

020' 00.00'	R992-22		58500	71100	28.00	.07	.04	.83	.01	.001	.006	.020	.020	.020	.23	.002	.0050	.13	.025	.05	.05	.23	.2592	.1265
W200X22.5	2301633*		403	490	29.00	.07	.04	.83	.01	.001	.0056	.0002	.0002	.0002	.002	.0050	.025	.025	.05	.05	.05	.23	.2592	.1265
006.0960m			402	490	24	pc(s)	7.200	lbs			Customer PD:	P023848611												

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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 department.'  
CI = 25.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-(9.10SiXp)-33.39(CuXCu)  
Pcm = C+((Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10))+58  
CE1 = C+((Mn/5)+(Cr+Mo+V)/5)+((Ni+Cu)/15)  
CE2 = C+((Mn+Si)/5)+((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

