

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.

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. #: 1681930
 MOS: I

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A5M-21 and A370-21, Tested in accordance with EN10204-2004-3.1,
 Quality Manual Rev #16 (4-30-21).

AASHIO : M270-50-19
 ASIM : A992-22:A529-19-50/A5725021I1/A7095021

Description Part #	Heat Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C Cr	Mn MC Ti	P S	S B	Si V N	Cu Nb	Ni CI	CE1 CE2 PCM
W8X28 020' 00.00' W200X41.7 006.0960m	1302494 A992-22 ✓	.79 .78	56800 392	71900 496	26.00 25.00	.07 .03	1.05 .01 .001	.006 .0046	.017 .0004	.24 .002 .0053	.10 .029	.05 2.94	.26 .3103 .1411
Customer PO: P023848611 BOLH: 1681930													
W8X31 020' 00.00' W200X45.1 006.0960m	2301853 A992-22	.80 .80	58100 401	72800 502	30.00 27.00	.07 .06	1.05 .01 .001	.007 .0076	.019 .0003	.26 .002 .0060	.21 .033	.06 4.64	.28 .3287 .1480
Customer PO: P023848611 BOLH: 1681930													

8 Heat(s) for this MIR.

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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+3.68Ni+1.20Cr+1.49Si+17.28P-(7.29Cu#Ni)-(9.10Ni#P)-33.39(Cu#Cu)
 PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+58
 CE1 = C+(Mn/6)+((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

