

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

CERTIFIED MILL TEST REPORT

11/08/22 17:41:14
 100% IRF 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.

Customer #: 472 - 5
 B.O.L. #: 1663116
 MOS: T

NEW CENTURY, KS 66031

MANEAIAN, KS 66505

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.
 Quality Manual Rev #16 (4-30-21).

AASHTO : M270-345M270-50-19
 ASTM : A992-22/A36-19/A529-19-50/A57250211/A7093621/A7095021
 CSA : G40.21-44w/G40.21-50w/G40.2150WM

Description Part #	Heat Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong (%)	C Cr xxxxx	Mn Mo Ti	P Sn xxxxx	S B xxxxx	Si V N	Cu Nb xxxxx	Ni CI xxxxx	CE1	CE2	PCM
													.28	.3273	.1497
C10X30	2211814	.74	54400	73800	27.00	.07	1.06	.006	.021	.25	.23	.08			
020' 00.00*	A992-22		375	509		.04	.02	.0066	.0003	.002	.030				
C250X45		.74	53500	72400	27.00		.001			.0053		4.85			
006.0960m			369	499											
2510300020															

Customer PO: 4500540295 BOL#: 1663116

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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+3.88Ni+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/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

