

CERTIFIED MILL TEST REPORT

11/07/23 15:28:16
 100% EAF MELTED AND MANUFACTURED IN THE USA

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

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.

SHIP TO: LONGVIEW WAREHOUSE
 4750 WEST MARSHALL AVE
 LONGVIEW, TX 75604
 Customer #: 472 - 14

PO BOX 1000
 MANHATTAN, KS 66505
 B.O.I. #: 1729256
 MDS: I

SPECIFICATIONS: Tested in accordance with ASIM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1. Quality Manual Rev #19 (11-30-22).

RASTEIO : M270-50-23
 ASTM : A992-22/A529-19-50/A5725021I1/A7095021
 CSA : G40.2150WM

Description Part #	Heat#	Grade(s) Test/Heat JW	Yield/Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong %	C	Mn	Mo	Ti	P	S	Si	Cu	Ni	CE1	CE2	PCM
S3X5.7	2315219	A992-22	.82	55100	67200	28.00	.07	.86	.01	.001	.007	.016	.23	.12	.04	.24	.2845	.1357
020' 00.00'	A992-22		.83	380	463	29.00	.06	.01	.001	.0050	.0003	.0003	.002	.017	3.28			
S75X8.5				55600	66900													
006.0960m				383	461	35 Pc(s)												
35357020																		
S4X7.7	1310893	A992-22	.83	60300	72400	28.00	.07	.88	.01	.001	.010	.015	.23	.07	.05	.23	.2781	.1282
040' 00.00'	A992-22		.84	416	499	28.00	.05	.01	.001	.0037	.0003	.0003	.002	.031	2.46			
S100X11.5				60100	71400	28.00												
012.1920m				414	492	60 Pc(s)												
35477040																		
S4X7.7	1310893	A992-22	.83	60300	72400	28.00	.07	.88	.01	.001	.010	.015	.23	.07	.05	.23	.2781	.1282
040' 00.00'	A992-22		.84	416	499	28.00	.05	.01	.001	.0037	.0003	.0003	.002	.031	2.46			
S100X11.5				60100	71400	28.00												
012.1920m				414	492	20 Pc(s)												
35477040																		

Customer PO: 4500560708 BolH: 1729256

Customer PO: 4500560813 BolH: 1729256

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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 departments.
 PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
 CE1= C+((Mn+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 Masyshev
 Metallurgist/
 Quality Control

