

NUCOR STEEL - BERKELEY
 14455 Hagan Avenue
 Redger, SC 29450
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

3/19/22 16:41:16
 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.

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).

RASTHD : m270-345M270-50-19
 RSME : SR-36 13
 ASTM : A992-201/A36-19/A529-19-50/A5725021T1/A7093621/A7095021
 CSA : G40,21-44w/G40,21-50w/G40,2150WM

Description	Heat	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr	Mn Mo Ti	P Sb	S B	Si V N	Cu Mn	Ni Cl	CE1 CE2 DCM
S3X7.5	2202951	.83	59300	71500	27.03	.07	1.03	.006	.023	.25	.20	.06	.27
020' 00.00'	A992-20		409	493	25.24	.05	.02	.0071	.0004	.002	.032		.3220
S75X11.2		.81	57700	71500			.001			.0053			.1480
006.0960m			398	493									
35375020													

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 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/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.

Dmitri Nassyrov
 Metallurgist/
 Quality Control

