

NUCOR STEEL - BERKELEY
 1435 Regan Avenue
 Hugler, SC 29450
 Phone: (843) 336-6000

10/17/23 16:21:37

CERTIFIED MILL TEST REPORT

100% EPR WELDED 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.

PO BOX 1688
 MANHATTAN, KS 66505

SHIP TO: STEEL & PIPE SUPPLY CO., INC.
 1050 FORT GIBSON ROAD
 CARIOSA, OK 74015

Customer H.: 472 - 4
 B.O.I. H.: 1725405
 MOS: I

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).

ASHTO : M270-50-19
 ASTM : A992-22/A529-19-50/A5725021T1/A7095021
 CSA : G40.2150WM

Description	Heat	Yield/ Tensile	Yield Tensile	Elong	C	Mn	P	S	Si	Cu	Ni	CE1
Part #	Grade(s)	Ratio	(PSI) (MPa)	%	Cr	Mo	Sn	B	V	Nb	CI	CE2
	Test/Heat	JW			xxxxxx	Ti	xxxxxx	xxxxxx	N	xxxxxx		PCM
WBX13	2311606		56600	30.00	.07	.84	.008	.018	.21	.16	.05	.23
030' 00.00"	A992-22		390	493	.04	.01	.0051	.0003	.002	.028		.2736
W200X19.3			59700	72600		.001			.0053	3.91		.1298
009,1440m			412	501								
378130030						5,850 lbs	Customer PD: 4500561009			BOLH: 1725405		

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.89P-(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/6)+((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 Nasyrov
 Metallurgist/
 Quality Control

