

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

CERTIFIED MILL TEST REPORT

11/08/23 18:32:42
 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 hot intentionally added at any point during manufacturing.

Sold To: STF
 SHIP TO: LONGVIEW WAREHOUSE
 4750 WEST MARSHALL AVE
 LONGVIEW, TX 75604
 Customer H: 472 - 14
 B.O.I. H.: 1729580
 MOS: T

SPECIFICATIONS: Tested in accordance with ASTM specification A5/A5M-22 and A370-22. Tested in accordance with EN10204-2004-3.1.
 Quality Manual Rev H19 (11-30-22).

ARSHD : M270-50-23
 ASTM : A992-22/A529-19-50/A57250211/A7095021
 CSA : G40,2150WM

| Description | Heat | Grade(s) | Yield/Grade | Yield Ratio | Yield (PSI) | Tensile (PSI) | Elong % | C | Cr | Mn | Mo | Ti | P | S | Si | Cu | Nb | Ni | CE1 | CE2 | DCM |
|-------------|-----------|----------|-------------|-------------|-------------|---------------|----------|--------|----|------------|-----|------|--------|--------|-------|--------|----|------|-----|-------|-------|
| Part # | Test/Heat | JW | | | (MPa) | (MPa) | | XXXXXX | | | | | XXXXXX | XXXXXX | N | XXXXXX | | CI | | | |
| W14X34 | 1315308 | | .81 | | 59100 | 72700 | 24.00 | .07 | | 1.05 | .01 | .001 | .007 | .019 | .26 | .16 | | .05 | .27 | .3164 | .1421 |
| 040' | 00.00' | A992-22 | | | 407 | 501 | 25.00 | .05 | | .01 | | | .0064 | .0003 | .0060 | .029 | | 3.95 | | | |
| W360X51 | 59700 | | .81 | | 59700 | 73400 | 25.00 | | | .001 | | | | | .0060 | | | | | | |
| 012.1920m | 412 | | | | 412 | 506 | 10 pc(s) | | | 13,600 lbs | | | | | | | | | | | |
| 3714340040 | | | | | | | | | | | | | | | | | | | | | |
| W6X9 | 1312724 | | .82 | | 54900 | 66800 | 26.00 | .07 | | .82 | .00 | .001 | .009 | .022 | .22 | .07 | | .03 | .22 | .2567 | .1220 |
| 025' | 00.00' | A992-22 | | | 379 | 461 | 26.00 | .03 | | .00 | | | .0038 | .0003 | .0051 | .016 | | 2.27 | | | |
| W150X13.5 | 54500 | | .82 | | 54500 | 66700 | 26.00 | | | .001 | | | | | .0051 | | | | | | |
| 007.6200m | 376 | | | | 376 | 460 | 2 pc(s) | | | 450 lbs | | | | | | | | | | | |
| 37690025 | | | | | | | | | | | | | | | | | | | | | |
| W6X9 | 2312719 | | .82 | | 54800 | 66900 | 26.00 | .07 | | .85 | .01 | .001 | .008 | .014 | .20 | .08 | | .03 | .23 | .2657 | .1295 |
| 025' | 00.00' | A992-22 | | | 378 | 461 | 26.00 | .04 | | .01 | | | .0049 | .0003 | .0047 | .015 | | 2.48 | | | |
| W150X13.5 | 54300 | | .81 | | 54300 | 66800 | 26.00 | | | .001 | | | | | .0047 | | | | | | |
| 007.6200m | 374 | | | | 374 | 461 | 19 pc(s) | | | 4,275 lbs | | | | | | | | | | | |
| 37690025 | | | | | | | | | | | | | | | | | | | | | |

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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
 DCM = 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

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.

Emma Summers
 Metallurgist/
 Quality Control

Emma Summers