

**LAND 15
NUCOR STEEL - BERKELEY
1455 Hagan Avenue
Huger, SC 29450
Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

3/08/24 10:22:33

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 not intentionally added at any point during manufacturing.

Sold To: SUPERIOR SUPPLY AND STEEL
PO BOX 2388
SULPHUR, LA 70664

Ship To: SUPERIOR SUPPLY & STEEL
318 CITY SERVICE HIGHWAY
SULPHUR, LA 70663

Customer #: 808 - 1
B.O.L. #: 1751263
MOS: T

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

AASHTO : M270-50-23
ASTM : A992-22/A529-19-50/A5725021T1/A7095021
CSA : G40.2150WM

| Description | Heat# | Grade(s) | Yield/ Tensile Ratio | Yield (PSI) | Tensile (PSI) | Elong % | C | Mn | P | S | Si | Cu | Ni | CE1 |
|-------------|--------------|----------|----------------------|-------------|---------------|---------|-----|------|-------------------------|-------|-------|------|-----|-------|
| Part # | Test/Heat JW | | | (MPa) | (MPa) | | Cr | Mo | Sn | B | V | Nb | Cl | CE2 |
| W8X31 | 2401937 | | .81 | 56800 | 69900 | 25.00 | .07 | 1.00 | .008 | .018 | .27 | .10 | .03 | .25 |
| 020, 00.00" | A992-22 | | | 392 | 482 | | .04 | .00 | .0038 | .0002 | .0054 | .030 | | .3016 |
| W200X46.1 | | | .82 | 56600 | 69000 | 25.00 | | .001 | | | | | | .1350 |
| 006.0960m | | | | 390 | 476 | | | | Customer PO: P024744801 | | | | | |
| | | | | | | | | | | | | | | |
| W8X40 | 2401952 | | .80 | 53300 | 69300 | 28.00 | .07 | 1.04 | .008 | .018 | .25 | .14 | .04 | .26 |
| 020, 00.00" | A992-22 | | | 381 | 478 | | .04 | .01 | .0049 | .0002 | .0053 | .030 | | .3085 |
| W200X59 | | | .78 | 54000 | 69200 | 26.00 | | .001 | | | | | | .1378 |
| 006.0960m | | | | 372 | 477 | | | | Customer PO: P024744801 | | | | | |
| | | | | | | | | | | | | | | |

17 Heat(s) for this MTR.

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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
 CT = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29Cu*Ni)-(9.10Ni*P)-33.39(Cu*Cu) 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.

Emma Summers
Metallurgist/
Quality Control

**END