



Mill Certification

08/01/2024

MTR#:1733608-10
 Lot #:110005892920
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

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

Ship To: SUPERIOR SUPPLY
 318 CITIES SERVICE HWY
 HWY-108
 SULPHUR, LA 70663 US

| | | | |
|---------------------------|--|----------------------|----------------|
| Customer PO | P0250671-01 | Sales Order # | 11075692 - 9.1 |
| Product Group | Hot Roll - Merchant Bar Quality | Product # | 3008711 |
| Grade | A36/A529 Gr 50, CSA 44W/50W | Lot # | 110005892920 |
| Size | 0.75" | Heat # | 1100058929 |
| BOL # | BOL-1777605 | Load # | 1733608 |
| Description | Hot Roll - Merchant Bar Quality Round 0.75" (3/4") A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs | Customer Part # | |
| Production Date | 05/31/2024 | Qty Shipped LBS | 5047 |
| Product Country Of Origin | United States | Qty Shipped EA | 168 |
| Original Item Description | | Original Item Number | |

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States

Melting Date: 05/22/2024

Roll Country of Origin : United States

Rolling Date: 05/31/2024

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | V (%) | Nb (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|
| 0.14 | 0.85 | 0.015 | 0.026 | 0.210 | 0.11 | 0.19 | 0.04 | 0.29 | 0.034 | 0.002 |

Reduction Ratio 88.32 : 1

Tensile testing

| | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|----------------------|
| (1) | 58200 | 74700 | 25.0 |
| (2) | 58400 | 75000 | 23.0 |

Comments:

MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/A529-05 GR50(345); A572/572M-07 GR50(345); A709/A709M-10 GR36(250); CSA G40.21-04 GR44W(300W)&GR50W(350W); AASHTO M270/270M-10 GR36(270); ASME SA36/SA36M-10; MEETS REPORTING REQUIREMENTS OF EN10204 SEC 3.1

- All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
- Mercury not intentionally added at any point during manufacturing or testing of this material.
- Welding or weld repair was not performed on this material.
- This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
- Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance