



Mill Certification

04/10/2024

MTR#:1642200-9
Lot #:110005367420
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 | P0248387-01 | Sales Order # | 11071876 - 7.1 |
| Product Group | Hot Roll - Merchant Bar Quality | Product # | 3004926 |
| Grade | A36/A529 Gr 50, CSA 44W/50W | Lot # | 110005367420 |
| Size | 1" x 1" x 0.25" | Heat # | 1100053674 |
| BOL # | BOL-1687288 | Load # | 1642200 |
| Description | Hot Roll - Merchant Bar Quality Equal Angle 1" x 1" x 1/4" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs | Customer Part # | |
| Production Date | 12/22/2023 | Qty Shipped LBS | 5066 |
| Product Country Of Origin | United States | Qty Shipped EA | 170 |
| 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: 11/24/2023

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | V (%) | Nb (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|
| 0.13 | 0.79 | 0.016 | 0.020 | 0.220 | 0.12 | 0.24 | 0.04 | 0.29 | 0.026 | 0.002 |

Reduction Ratio 89.03 : 1

Tensile testing

| | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|----------------------|
| (1) | 54900 | 72700 | 24.0 |
| (2) | 54000 | 72700 | 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