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|---------------------------|--|----------------------|----------------|
| Customer PO | 234010-11 | Sales Order # | 38015435 - 3.1 |
| Product Group | Hot Roll - Merchant Bar Quality | Product # | 3016780 |
| Grade | Nucor Multigrade | Lot # | 380002821920 |
| Size | 0.375" x 4" | Heat # | 3800028219 |
| BOL # | BOL-1159144 | Load # | 1057166 |
| Description | Hot Roll - Merchant Bar Quality Flat 3/8" x 4" Nucor Multigrade 20' 0" [240"] 4001-8000 lbs | Customer Part # | |
| Production Date | 02/28/2022 | Qty Shipped LBS | 4900 |
| Product Country Of Origin | United States | Qty Shipped EA | 48 |
| 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: 02/22/2022

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | Ti (%) | V (%) | Sn (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|
| 0.14 | 0.77 | 0.014 | 0.024 | 0.189 | 0.10 | 0.15 | 0.02 | 0.34 | 0.000 | 0.020 | 0.012 |

ASTM A529 S78.2 CE (%) : 0.37

ASTM A992 5.4 CE (%) : 0.34

Tensile testing

| | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|----------------------|
| (1) | 51600 | 71000 | 30.0 |
| (2) | 50700 | 72600 | 23.8 |

Comments:

Nucor Multigrade meets the requirements of: ASTM A36/36M, ASTM A529/529M GR 50, ASTM A572/572M GR50, ASTM A709/709M GR36/GR50, ASTM A992/A992M, CSA G40.21 GR44W(300W)/GR50W(350W) AASHTO M270/M270M GR36/GR50 ASME SA36/SA36M. Meets the EN10204 SEC 3.1 Reporting Requirements.

Nucor Steel Jackson, Inc. is in compliance with and certified to: ISO 9001:2015, ISO 14001:2015, ABS Quality Assurance Program & AASHTO's NTPEP Reinforcing Steel and Wire (REBAR) Technical Committee Work Plan. All manufacturing processes of the steel materials in this product, including melting, have occurred within the United States.

Mercury not intentionally added at any point during manufacturing or testing of this material. No weld repair was performed.

Material and Mill Certification are in full compliance with the American Iron and Steel requirement as mandated in EPA's State Revolving Fund Programs and complies with the Buy American Act, (FTA) Buy America Requirements (49 CFR part 661), and (FHWA) Buy America Requirements (23 CFR part 635.410)



Nolan Guess, Quality Supervisor