

NUCOR

Mill Certification
04/27/2023

MTR#:1323197-4
 Lot #:120204933720
 W CEMETERY ROAD
 PLYMOUTH, UT 84330 US
 800 453-2886
 Fax: 435 458-2309

04 18 CLINTON DR

| | | | |
|---------------------------|---|----------------------|----------------|
| Customer PO | ssw135407 | Sales Order # | 11059420 - 2.1 |
| Product Group | Hot Roll - Merchant Bar Quality | Product # | 3007502 |
| Grade | Nucor Multigrade | Lot # | 120204933720 |
| Size | 10" x 20.0# | Heat # | 1202049337 |
| BOL # | BOL-1414939 | Load # | 1323197 |
| Description | Hot Roll - Merchant Bar Quality Structural Channel 10" x 20.0# Nucor Multigrade 40' 0" (480") 6001-10000 lbs | Customer Part # | |
| Production Date | 02/25/2023 | Qty Shipped LBS | 8000 |
| Product Country Of Origin | United States | Qty Shipped EA | 10 |
| 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: 02/16/2023

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | V (%) | Nb (%) | Sn (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 0.12 | 0.86 | 0.015 | 0.012 | 0.24 | 0.09 | 0.20 | 0.02 | 0.31 | 0.015 | 0.002 | 0.010 |

ASTM A529 S78.2 CE (%) : 0.38

ASTM A992 5.4 CE (%) : 0.34

Tensile testing

| | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|----------------------|
| (1) | 53800 | 72700 | 26.0 |
| (2) | 56000 | 72700 | 26.0 |

Comments:
 ASTM A36-19, ASTM A529 -19 Grade 50, ASTM A572-21e1 Grade 50, CSA G40.21-13(R2018) 44W(300W)/50W(350W), ASTM A709-21 Grade 36/Grade 50 (NO CVN), AASHTO 270 -15 Grade 36/Grade 50, ASME SA36 -17
 Nucor Steel Utah 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, casting and hot rolling have occurred within the United States. Mercury not intentionally added at any point during manufacture or testing of this product. This material is free of HG contamination and is ROHS compliant. No weld repair was performed.
 Material meets the requirements of the purchase order and have been produced under the Nucor Steel Utah Quality Manual. Mill Certificate complies with DIN EN 10204 - 3.1.
 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 America Act, and (FTA) Buy America Requirements (49 C.F.R. part 661 & 23 CFR part 835.410).)

B. Morris

Bryden Morris, Chief Metallurgist