



Mill Certification

01/30/2023

MTR#: 1236328-5
Lot #: 380003555520
3630 Fourth Street
Flowood, MS 39232 US
601 939-1623
Fax: 601 936-6202

MANHATTAN, KS 66502 US

Ship To: LONGVIEW WAREHOUSE
4750 W MARSHALL AVE
LONGVIEW, TX 75604 US

Customer PO	4500544201	Sales Order #	38018342 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017115
Grade	Nucor Multigrade	Lot #	380003555520
Size	0.5" x 3"	Heat #	3800035555
BOL #	BOL-1338171	Load #	1236328
Description	Hot Roll - Merchant Bar Quality Flat 1/2" x 3" Nucor Multigrade 20' 0" [240"] 4001-6000 lbs	Customer Part #	101630020
Production Date	12/26/2022	Qty Shipped LBS	14700
Product Country Of Origin	United States	Qty Shipped EA	144
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: 12/16/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.14	0.77	0.018	0.026	0.174	0.08	0.15	0.02	0.36	0.000	0.025	0.010

ASTM A529 S78.2 CE (%) : 0.36

ASTM A992 5.4 CE (%) : 0.33

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	50400	71800	28.8
(2)	50600	69900	28.8

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