



# Mill Certification

04/23/2022

MTR#: 1011016-3  
Lot #: 800001632221  
300 STEEL MILL RD  
DARLINGTON, SC 29540 US  
843 393-5841  
Fax: 843 395-8701

Sold To: SOUTH ATLANTIC LLC  
1907 S 17TH ST  
STE 2A  
WILMINGTON, NC 28401 US

Ship To: SOUTH ATLANTIC LLC  
C/O CLAXTON EVANS INDU PK  
HWY 280  
160 INDUSTRIAL PARK DR  
CLAXTON, GA 30417 US

Customer PO	45329	Sales Order #	80030795 - 6.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3005660
Grade	Nucor Multigrade	Lot #	800001632221
Size	2" x 2" x 0.375"	Heat #	8000016322
BOL #	BOL-1109843	Load #	1011016
Description	Hot Roll - Merchant Bar Quality Equal Angle 2" x 2" x 3/8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	SA25
Production Date	03/22/2022	Qty Shipped LBS	13818
Product Country Of Origin	United States	Qty Shipped EA	147
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: 02/25/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.15	0.71	0.015	0.023	0.193	0.08	0.12	0.02	0.36	0.002	0.038	0.001

Sn (%)

0.011

ASTM A529 S78.2 CE (%) : 0.37

ASTM A992 5.4 CE (%) : 0.34

Reduction Ratio 36.06 : 1

### Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	53500	74200	25.0
(2)	54400	74900	26.0

### Comments:

Nucor Multigrade meets the requirements of: ASTM A36/A36M, A529/A529M GR50, A572/A572M GR50(345), A709/A709M GR36(250) & GR50(345), CSA G40.21 GR44W(300W) & GR50W(350W), AASHTO M270/M270M-10 GR36(270) & GR50(345), ASME SA36/SA36M, QQ-S-741D, CAT 1E1883. Produced to a fully killed, fine grain practice.

Welding or weld repair was not performed on this material.

Melted and Manufactured in the U.S.A and complies with the Buy American Act.

Mercury, radium, or alpha source materials not intentionally added at any point during manufacturing or testing of this material.

Material is certified to the most recent revision of the specification(s) and grade indicated at the time of production.

Mark Schmidt, Chief Metallurgist