

**Mill Certification**

02/03/2024

MTR#:1588723-5  
 Lot #:110005359961  
 8812 HWY 79 W  
 Jewett, TX 75846 US  
 903 626-4461  
 Fax: 903 626-6290

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

Customer PO	4500567011	Sales Order #	11068473 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007097
Grade	Nucor Multigrade	Lot #	110005359961
Size	4" x 3" x 0.3125"	Heat #	1100053599
BOL #	BOL-1634337	Load #	1588723
Description	Hot Roll - Merchant Bar Quality Unequal Angle 4" x 3" x 5/16" Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	504003001020
Production Date	12/22/2023	Qty Shipped LBS	5040
Product Country Of Origin	United States	Qty Shipped EA	35
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: 11/21/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.90	0.022	0.022	0.213	0.16	0.29	0.04	0.32	0.000	0.037	0.002

**Sn (%)**

0.010

ASTM A529 S78.2 CE (%) : 0.41

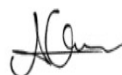
**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58000	76200	23.0
(2)	57500	76500	21.0

**Comments:**

NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/529M-05(2009) GR50(345); A572/572M-07 GR50(345); A709/709M-10 GR36(250) & GR50(345); CSA G40.21-04 GR44W(300W) & GR50W(350W); AASHTO M270/M270M-10 GR36(270) & GR50(345); ASME SA36/SA36M-07; 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