



Mill Certification
01/30/2024

MTR#:1585552-5
 Lot #:110005429061
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	ssw139900	Sales Order #	11066693 - 9.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3055914
Grade	Nucor Multigrade	Lot #	110005429061
Size	5" x 5" x 0.5"	Heat #	1100054290
BOL #	BOL-1631315	Load #	1585552
Description	Hot Roll - Merchant Bar Quality Equal Angle 5" x 5" x 1/2" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	01/10/2024	Qty Shipped LBS	9720
Product Country Of Origin	United States	Qty Shipped EA	30
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: 12/29/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Tl (%)	V (%)	Nb (%)
0.12	0.90	0.013	0.032	0.199	0.10	0.11	0.03	0.26	0.001	0.044	0.002
Sn (%)											
0.011											

ASTM A529 S78.2 CE (%) : 0.37

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	53300	70000	23.0
(2)	54000	70600	24.0

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