

Sc... EL
 PO BOX 2000
 JEFFERSON, LA 70001 JS

318 CITIES SERVICE HWY
 SULPHUR, LA 70663 US

Customer PO	P0242465-01	Sales Order #	11061480 - 11.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	1050921
Grade	Nucor Multigrade	Lot #	110004591965
Size	3" x 3" x 0.5"	Heat #	1100045919
BOL #	BOL-1465811	Load #	1417445
Description	Hot Roll - Merchant Bar Quality Equal Angle 3" x 3" x 1/2" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	06/21/2023	Qty Shipped LBS	5264
Product Country Of Origin	United States	Qty Shipped EA	28
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: 04/06/2023

Roll Country of Origin : United States

Rolling Date: 04/17/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.11	0.90	0.011	0.019	0.213	0.10	0.14	0.03	0.30	0.000	0.036	0.001
Sn (%)											
0.011											

ASTM A529 S78.2 CE (%) : 0.37

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	53600	71500	21.0
(2)	54600	71000	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