

NUCOR®**Mill Certification**

08/28/2023

MTR#:1466169-9
 Lot #:110004886160
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Sold To: SUPERIOR SUPPLY & STEEL
 PO BOX 2388
 SULPHUR, LA 70664 US

Ship To: SUPERIOR SUPPLY
 318 CITIES SERVICE HWY
 HWY-108
 SULPHUR, LA 70663 US

Customer PO	P0243734 - 01	Sales Order #	11063592 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007719
Grade	Nucor Multigrade	Lot #	110004886160
Size	3" x 5.0#	Heat #	1100048861
BOL #	BOL-1515041	Load #	1466169
Description	Hot Roll - Merchant Bar Quality Structural Channel 3" x 5.0# Nucor Multigrade 20' 0" [240"] 1001-5000 lbs	Customer Part #	
Production Date	07/07/2023	Qty Shipped LBS	4800
Product Country Of Origin	United States	Qty Shipped EA	48
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: 07/05/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.79	0.014	0.033	0.215	0.09	0.20	0.02	0.28	0.001	0.035	0.002
Sn (%)											
0.009											

ASTM A529 S78.2 CE (%) : 0.37

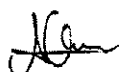
Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54100	72400	26.0
(2)	52800	72500	27.0

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