



# Mill Certification

06/28/2023

MTR#:1417445-9  
Lot #:110004785461  
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	P0242465-01	Sales Order #	11061480 - 17.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007928
Grade	Nucor Multigrade	Lot #	110004785461
Size	4" x 7.25#	Heat #	1100047854
BOL #	BOL-1465811	Load #	1417445
Description	Hot Roll - Merchant Bar Quality Structural Channel 4" x 7.25# Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	06/14/2023	Qty Shipped LBS	5220
Product Country Of Origin	United States	Qty Shipped EA	36
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: 06/03/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.85	0.020	0.019	0.200	0.12	0.29	0.04	0.30	0.001	0.037	0.002

Sn (%)

0.010

ASTM A529 S78.2 CE (%) : 0.41

### Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	56200	74800	24.0
(2)	55900	75100	22.0

### 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

1. All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A

2. Mercury not intentionally added at any point during manufacturing or testing of this material.

3. Welding or weld repair was not performed on this material.

4. This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.

5. Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance