



Mill Certification

09/28/2023

MTR#:1491605-9
 Lot #:110005042860
 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	P0244485-01	Sales Order #	11064734 - 6.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	1051336
Grade	Nucor Multigrade	Lot #	110005042860
Size	4" x 5.4#	Heat #	1100050428
BOL #	BOL-1539069	Load #	1491605
Description	Hot Roll - Merchant Bar Quality Structural Channel 4" x 5.4# Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	
Production Date	08/23/2023	Qty Shipped LBS	5184
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: 08/20/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.78	0.014	0.018	0.213	0.10	0.18	0.03	0.29	0.001	0.032	0.001

Sn (%)

0.011

ASTM A529 S78.2 CE (%) : 0.36

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58400	75700	23.0
(2)	58800	76000	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