NUCOR®

Mill Certification

08/18/2022

MTR#:1118482-5
Lot #:110003685363
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

MANHATTAN, KS 66502 US

LONGVIEW, TX 75604 US

Customer PO	4500533368	Sales Order #	11048765 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006985
Grade	Nucor Multigrade	Lot #	110003685363
Size	3" x 2" x 0.375"	Heat #	1100036853
BOL #	BOL-1213417	Load #	1118482
Description	Hot Roll - Merchant Bar Quality Unequal Angle 3" x 2" x 3/8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	503002001220
Production Date	06/22/2022	Qty Shipped LBS	4956
Product Country Of Origin	United States	Qty Shipped EA	42
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.

Melting Date: 06/20/2022

Melt Country of Origin : United States

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.84	0.013	0.014	0.191	0.11	0.16	0.04	0.27	0.001	0.040	0.001

Sn (%)
0.009

ASTM A529 S78.2 CE (%) : 0.36

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54800	70600	25.0
(2)	54900	70200	23.0

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