



Mill Certification
03/23/2023

MTR#:1291638-4
 Lot #:120104808220
 W GEMETERY ROAD
 PLYMOUTH, UT 84330 US
 800 453-2886
 Fax: 435 458-2309

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Customer PO	ssw131980	Sales Order #	11053466 - 3.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007012
Grade	Nucor Multigrade	Lot #	120104808220
Size	3" x 2.5" x 0.25"	Heat #	1201048082
BOL #	BOL-1384581	Load #	1291638
Description	Hot Roll - Merchant Bar Quality Unequal Angle 3" x 2 1/2" x 1/4" Nucor Multigrade 40' 0" [480"] 6001-10000 lbs	Customer Part #	
Production Date	12/29/2022	Qty Shipped LBS	7740
Product Country Of Origin	United States	Qty Shipped EA	43
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: 12/16/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)	Sn (%)
0.16	0.70	0.013	0.033	0.24	0.10	0.17	0.03	0.28	0.014	0.002	0.011

ASTM A529 S78.2 CE (%) : 0.39

ASTM A992 5.4 CE (%) : 0.35

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	55400	74500	24.0
(2)	54400	74400	26.0

Comments:

ASTM A36-19, ASTM A529 -19 Grade 50, ASTM A572-21e1 Grade 50, CSA G40.21-13(R2018) 44W(300W)/50W(350W), ASTM A709-21 Grade 36/Grade 50 (NO CVN), AASHTO 270 -15 Grade 36/Grade 50, ASME SA36 -17
 Nucor Steel Utah is in compliance with and certified to: ISO 9001:2015, ISO 14001:2015, ABS Quality Assurance Program & AASHTO's NTPEP Reinforcing Steel and Wire (REBAR) Technical Committee Work Plan.
 All manufacturing processes of the steel materials in this product, including melting, casting and hot rolling have occurred within the United States. Mercury not intentionally added at any point during manufacture or testing of this product. This material is free of HG contamination and is ROHS compliant. No weld repair was performed.
 Material meets the requirements of the purchase order and have been produced under the Nucor Steel Utah Quality Manual. Mill Certificate complies with DIN EN 10204 - 3.1.
 Material and Mill Certification are in full compliance with the American Iron and Steel requirement as mandated in EPA's State Revolving Fund Programs and complies with the Buy America Act, and (FTA) Buy America Requirements (49 C.F.R. part 661 & 23 CFR part 635.410).)

Bryden Morris, Chief Metallurgist