



Mill Certification

09/10/2019

MTR#:251570-13
Lot #:110000359761
8812 HWY 79 W
Jewett, TX 75846 US
903-626-4461
Fax: 903-626-6290

Sold To: ACEROMEX SA DE CV
CARRETERA MONTERREY
LAREDO KM 27
CIENEGA DE FLORES, NL 65550 MX

Ship To: TRANSPORTES Y SERVICIOS INTEGRADOS DE MO
CARRETERA A MONCLOVA KM. 3.4 S/N
EL CARMEN, NL 66550 MX

Customer PO	4500258075	Sales Order #	11001296 - 14.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007065
Grade	Nucor Multigrade	Lot #	110000359761
Size	4" x 3" x 0.25"	Heat #	1100003597
BOL #	BOL-344844	Load #	251570
Description	Hot Roll - Merchant Bar Quality Unequal Angle 4" x 3" x 1/4" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	09/06/2019	Qty Shipped KGS	9471
Product Country Of Origin	United States	Qty Shipped EA	180
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: 08/21/2019

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.86	0.014	0.024	0.223	0.16	0.20	0.06	0.28	0.001	0.042	0.002
Sn (%)											
0.010											

ASTM A529 S78.2 CE (%) : 0.40

Other Test Results

Yield (MPA) : 416

Yield (MPA) : 419

Tensile (MPA) : 527

Tensile (MPA) : 528

Elongation in 8" (%) : 22.0

Elongation in 8" (%) : 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 in any form has not been used in the production or testing of this product.
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.

Reddy R Vantari

Reddy Vantari, Chief Metallurgist