

**NUCOR**  
**NUCOR CORPORATION**  
**NUCOR STEEL TEXAS**

**Mill Certification**  
**7/1/2015**

MTR #: 0000108430  
 8812 Hwy 79 W  
 Jewett, TX 75846  
 (903) 626-4461  
 Fax: (903) 626-6290

Sold To: FORTACERO S A DE C V  
 BLVD PRESIDENTE CARLOS SALINAS  
 DE GORTARI KM 8 8  
 APODACANL 66600  
 MEXICO  
 011-52-81-815-65-20-0  
 Fax: 011-52-81-815-65-29-0

Ship To: FORTACERO MONTERREY  
 BLVD CARLOS SALINAS DE GORTARI  
 KM 8 8  
 APODACANL 66600  
 MEXICO  
 956-72-39-528

67411

Customer P.O.	4500125429	Sales Order	220368.7
Product Group	Merchant Bar Quality	Part Number	2130202524010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410564851
Size	3x2x1/4 Angle	Heat #	JW14105648
Product	3x2x1/4 Angle 20' NUCOR MULTIGRADE	B.L. Number	J1-708806
Description	NUCOR MULTIGRADE	Load Number	J1-312277
Customer Spec		Customer Part #	

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.

Roll Date: 7/9/2014 Melt Date: 7/6/2014 Qty Shipped LBS: 5,166 Qty Shipped Pcs: 63

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.12%	0.86%	0.015%	0.032%	0.18%	0.30%	0.19%	0.22%	0.055%	0.0317%	0.003%	0.012%
CE4020	CEA529										
0.36%	0.39%										

CE4020: C. E. CSA G4020, AASHTO M270  
 CEA529: A529 CARBON EQUIVALENT

Yield 1: 53,900psi Tensile 1: 72,400psi Elongation: 22% in 8"(% in 203.3mm)  
 Yield 2: 54,500psi Tensile 2: 72,400psi Elongation 21% in 8"(% in 203.3mm)

Specification Comments: NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-08; 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

Comments: E-mail: websales@nstexas.com

1. All manufacturing processes of the steel, including melting, have been performed in the 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 for ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

*Bhargava R Vantari*

Bhargava R Vantari  
 Division Metallurgist