

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

**Mill Certification**  
**9/11/2015**

MTR #: 0000121361  
 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  
 956-72-39-526

68913

Customer P.O.	4500127805	Sales Order	223684.2
Product Group	Merchant Bar Quality	Part Number	2140303748010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1510462952
Size	4x3x3/8 Angle	Heat #	JW15104629
Product	4x3x3/8 Angle 40' NUCOR MULTIGRADE	B.L. Number	J1-714960
Description	NUCOR MULTIGRADE	Load Number	J1-317839
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: 7/15/2015 Melt Date: 7/7/2015 Qty Shipped LBS: 20,400 Qty Shipped Pcs: 60

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.11%	0.87%	0.016%	0.033%	0.20%	0.49%	0.23%	0.26%	0.044%	0.0401%	0.002%	0.014%
CE4020	CEA529										
0.37%	0.41%										

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

Yield 1: 55,500psi Tensile 1: 72,400psi Elongation: 25% in 8"(% in 203.3mm)  
 Yield 2: 55,800psi Tensile 2: 72,800psi Elongation 24% 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

- All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
- Mercury in any form has not been used in the production or testing of this product.
- Welding or weld repair was not performed on this material.
- This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
- 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