

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

**Mill Certification**  
**8/11/2014**

MTR #: 0000043915  
 8812 Hwy 79 W  
 Jewett, TX 75846  
 (903) 626-4461  
 Fax: (903) 626-6290

Sold To: PLESA ANAHUAC Y CIAS SA DE CV  
 AV VALLE DE LAS ALAMEDAS  
 NO 86 0  
 TULTITLANMEX 54940  
 MEXICO  
 551-08-38-570  
 Fax: 555-31-01-918

Ship To: PLESA TULTITLAN (LECHERIA)  
 AV VALLE DE LAS ALAMEDAS NO.  
 86 -O COL. SAN FRANCISCO CHILP  
 SPUR: 12-831-94 AND 12-832-94  
 LECHERIA MEX 54940  
 MEXICO  
 956-54-72-800

Customer P.O.	18878	Sales Order	206047.1
Product Group	Merchant Bar Quality	Part Number	2040025048010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410515351
Size	4x4x1/4 Angle	Heat #	JW14105153
Product	4x4x1/4 Angle 40' NUCOR MULTIGRADE	B.L. Number	J1-679669
Description	NUCOR MULTIGRADE	Load Number	J1-283455
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: 6/16/2014 Melt Date: 6/13/2014 Qty Shipped LBS: 80,256 Qty Shipped Pcs: 304

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.11%	0.86%	0.016%	0.032%	0.18%	0.28%	0.15%	0.18%	0.051%	0.0423%	0.001%	0.012%
CE4020	CEA529										
0.34%	0.37%										

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

Yield 1: 55,100psi (380MPa) Tensile 1: 71,300psi (492MPa) Elongation: 20% in 8"(% in 203.3mm)  
 Yield 2: 56,600psi (390MPa) Tensile 2: 73,600psi (507MPa) 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

Comments: E-mail: websales@nstexas.com

- All manufacturing processes of the steel, including melting, have been performed in the 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