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 AV VALLE DE LAB ALAMEDAS  
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 TULTITLANMEX 54940  
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Ship To: PLESA TULTITLAN (LECHERIA)  
 AV VALLE DE LAS ALAMEDAS NO.  
 66 -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	206047.7
Product Group	Merchant Bar Quality	Part Number	5375060024010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410011852
Size	3/4x6" Flat	Heat #	JW14100118
Product	3/4x6" Flat 20' NUCOR MULTIGRADE	B.L. Number	J1-680647
Description	NUCOR MULTIGRADE	Load Number	J1-283922
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: 1/16/2014 Melt Date: 1/5/2014 Qty Shipped LBS: 14,700 Qty Shipped Pcs: 48

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.12%	0.83%	0.012%	0.024%	0.19%	0.33%	0.22%	0.19%	0.056%	0.0518%	0.001%	0.013%
CE4020	CEA529										
0.35%	0.39%										

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

Yield-1: 56,700psi (391MPa)

Tensile 1: 72,400psi (499MPa)

Elongation: 21% in 8"(% in 203.3mm)

Yield 2: 56,300psi (388MPa)

Tensile 2: 73,800psi (509MPa)

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