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 AV VALLE DE LAB ALAMEDAS
 NO 66 0
 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 #	JW1410211252
Size	3/4x6" Flat	Heat #	JW14102112
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: 3/13/2014 Melt Date: 3/10/2014 Qty Shipped LBS: 4,900 Qty Shipped Pcs: 16

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.12%	0.87%	0.012%	0.018%	0.19%	0.31%	0.14%	0.15%	0.041%	0.0501%	0.001%	0.016%
CE4020	CEA529										
0.34%	0.38%										

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

Yield 1: 56,300psi (388MPa)

Tensile 1: 71,900psi (496MPa)

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

Yield 2: 55,800psi (385MPa)

Tensile 2: 71,600psi (494MPa)

Elongation 22% 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