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Ship To: TRA TRANSPORT LLC.
 3528 HWY 57
 EAGLE PASS, TX 78852
 (930) 313-8536

Customer P.O.	4500213040	Sales Order	269878.12
Product Group	Merchant Bar Quality	Part Number	2160403748010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1810184951
Size	6x4x3/8 Angle	Heat #	JW18101849
Product	6x4x3/8 Angle 40' NUCOR MULTIGRADE	B.L. Number	J1-813436
Description	NUCOR MULTIGRADE	Load Number	J1-405638
Customer Spec		Customer Part #	LINE 120

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: 3/5/2018 Melt Date: 2/26/2018 Qty Shipped LBS: 29,520 Qty Shipped Pcs: 60

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.12%	0.92%	0.014%	0.021%	0.19%	0.28%	0.10%	0.16%	0.046%	0.0435%	0.001%	0.011%
CE4020	CEA529										
0.35%	0.38%										

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

Yield 1: 55,800psi

Tensile 1: 73,400psi

Elongation: 22% in 8"(% in 203.3mm)

Yield 2: 56,400psi

Tensile 2: 73,200psi

Elongation 24% in 8"(% in 203.3mm)

Specification Comments: NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; 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, casting & hot rolling, have been performed in 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