

NUCOR
NUCOR CORPORATION
NUCOR STEEL TEXAS

Mill Certification
4/7/2014

MTR #: 0000018836
 8812 Hwy 79 W
 Jewett, TX 75846
 (903) 626-4461
 Fax: (903) 626-6290

Sold To: ACEROMEX SA DE CV
 CARRETERA MONTERREY
 LAREDO KM 27
 CIENEGA DE FLORES NL CP 65550
 MEXICO
 528-18-15-55410
 Fax: 528-18-15-55530

Ship To: BRES SAENZ AGENTS (ACEROMEX)
 El Indio Hwy &
 Memo Robinson Rd.
 EAGLE PASS, TX 78853
 (830) 757-1685

Customer P.O.	4500097248	Sales Order	197773.12
Product Group	Merchant Bar Quality	Part Number	5325040024010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410259451
Size	1/4x4" Flat	Heat #	JW14102594
Product	1/4x4" Flat 20' NUCOR MULTIGRADE	B.L. Number	J1-867190
Description	NUCOR MULTIGRADE	Load Number	J1-271480
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: 4/1/2014 Melt Date: 3/24/2014 Qty Shipped LBS: 141,984 Qty Shipped Pcs: 2,086

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.13%	0.84%	0.007%	0.025%	0.20%	0.29%	0.17%	0.16%	0.052%	0.0422%	0.001%	0.013%
CE4020	CEA529										
0.35%	0.39%										

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

Yield 1: 56,200psi (387MPa)

Tensile 1: 71,700psi (494MPa)

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

Yield 2: 56,000psi (386MPa)

Tensile 2: 72,200psi (498MPa)

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 MATERIALS IN THIS PRODUCT, INCLUDING MELTING, HAVE OCCURRED WITHIN THE UNITED STATES. ALL PRODUCTS PRODUCED ARE WELD FREE. MERCURY, IN ANY FORM, HAS NOT BEEN USED IN THE PRODUCTION OR TESTING OF THIS MATERIAL.



Kim Pritchard
 Division Metallurgist

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4/7/2014

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 LAREDO KM 27
 CIENEGA DE FLORES NL CP 85550
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 EAGLE PASS, TX 78853
 (830) 767-1585

Customer P.O.	4500097248	Sales Order	197773.12
Product Group	Merchant Bar Quality	Part Number	5325040024010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410259551
Size	1/4x4" Flat	Heat #	JW14102595
Product	1/4x4" Flat 20' NUCOR MULTIGRADE	B.L. Number	J1-667190
Description	NUCOR MULTIGRADE	Load Number	J1-271480
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: 4/1/2014 Melt Date: 3/24/2014 Qty Shipped LBS: 44,064 Qty Shipped Pcs: 647

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.13%	0.85%	0.009%	0.030%	0.22%	0.29%	0.21%	0.14%	0.062%	0.0420%	0.001%	0.012%
CE4020	CEA529										
0.36%	0.39%										

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

Yield 1: 58,600psi (404MPa)

Tensile 1: 74,900psi (516MPa)

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

Yield 2: 61,000psi (421MPa)

Tensile 2: 76,700psi (529MPa)

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

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