

NUCOR
NUCOR CORPORATION
NUCOR STEEL TEXAS

Mill Certification
10/1/2014

MTR #: 0000055625
 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 LAB ALAMEDAS
 NO 66 0
 TULITLANMEX 54940
 MEXICO
 551-08-38-570
 Fax: 555-31-01-918

Ship To: ALMACEN FERROVIARIO ROAN SA DE
 PERIFERICO MTG ALLENDE KM 34.1
 ESCOBEDONL 54940
 MEXICO
 551-08-38-570
 Fax: 555-31-01-918

Customer P.O.	19252	Sales Order	207888.12
Product Group	Merchant Bar Quality	Part Number	5325030024010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410727501
Size	1/4x3" Flat	Heat #	JW14107275
Product	1/4x3" Flat 20' NUCOR MULTIGRADE	B.L. Number	J1-685224
Description	NUCOR MULTIGRADE	Load Number	J1-287429
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: 8/26/2014 Melt Date: 8/24/2014 Qty Shipped LBS: 15,312 Qty Shipped Pcs: 300

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.13%	0.83%	0.011%	0.033%	0.20%	0.34%	0.17%	0.17%	0.051%	0.0334%	0.002%	0.013%
CE4020	CEA529										
0.35%	0.39%										

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

Yield 1: 60,900psi (420MPa) Tensile 1: 77,100psi (532MPa) Elongation: 28% in 8"(% in 203.3mm)
 Yield 2: 60,400psi (416MPa) Tensile 2: 78,200psi (539MPa) Elongation 27% 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