

NUCOR
NUCOR CORPORATION
NUCOR STEEL TEXAS

Mill Certification
8/11/2014

MTR #: 0000043915
 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
 TULTITLANMEX 54940
 MEXICO
 551-08-38-570
 Fax: 555-31-01-818

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	206047.10
Product Group	Merchant Bar Quality	Part Number	5350040024010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1410480151
Size	1/2x4" Flat	Heat #	JW14104801
Product	1/2x4" Flat 20' NUCOR MULTIGRADE	B.L. Number	J1-679669
Description	NUCOR MULTIGRADE	Load Number	J1-283455
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: 6/10/2014 Melt Date: 6/1/2014 Qty Shipped LBS: 14,700 Qty Shipped Pcs: 108

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.13%	0.87%	0.014%	0.022%	0.21%	0.27%	0.14%	0.15%	0.046%	0.0486%	0.002%	0.012%
CE4020	CEA529										
0.35%	0.39%										

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

Yield 1: 56,800psi (392MPa) Tensile 1: 71,800psi (495MPa) Elongation: 21% in 8"(% in 203.3mm)
 Yield 2: 57,700psi (398MPa) Tensile 2: 73,600psi (507MPa) 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