

NUCOR
NUCOR CORPORATION
NUCOR STEEL TEXAS

Mill Certification
8/18/2017

MTR #: J1-38320
 8812 Hwy 79 W
 Jewett, TX 75844
 (903) 626-446
 Fax: (903) 626-629

Sold To: SUPERIOR SUPPLY & STEEL
 PO BOX 2388
 SULPHUR, LA 70664
 (337) 625-2300
 Fax: (337) 625-8511

Ship To: SUPERIOR SUPPLY
 318 CITIES SERVICE HWY
 HWY-108
 SULPHUR, LA 70663
 1

Customer P.O.	P0186096-01	Sales Order	258608.2
Product Group	Merchant Bar Quality	Part Number	2503005024010W0
Grade	NUCOR MULTIGRADE	Lot #	JW1710355051
Size	3x5.0# Channel	Heat #	JW17103550
Product	3x5.0# Channel 20' NUCOR MULTIGRADE	B.L. Number	J1-787434
Description	NUCOR MULTIGRADE	Load Number	J1-383209
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: 4/27/2017 Melt Date: 4/26/2017 Qty Shipped LBS: 4,800 Qty Shipped Pcs: 48

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.13%	0.79%	0.013%	0.017%	0.22%	0.28%	0.13%	0.16%	0.039%	0.0346%	0.001%	0.015%
CE4020	CEA529										
0.34%	0.37%										

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

Yield 1: 56,500psi

Tensile 1: 73,600psi

Elongation: 29% in 8"(% in 203.3mm)

Yield 2: 55,400psi

Tensile 2: 73,200psi

Elongation 29% 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

- All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in 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