

NUCOR

**NUCOR CORPORATION
NUCOR STEEL SOUTH CAROLINA**

**Mill Certification
4/22/2015**

MTR #: Q00007
300 Steel Mill |
DARLINGTON, SC 2
(843) 393-
Fax: (843) 395-

Sold To: SOUTH ATLANTIC LLC
1907 S 17TH ST STE 2
WILMINGTON, NC 28401-0000
(910) 332-1900
Fax: (910) 332-1902

Ship To: SOUTH ATLANTIC LLC
CLAXTON EVANS INDU PK HWY 280
160 INDUSTRIAL PARK DRIVE
CLAXTON, GA 30417-0000
(877) 367-7835
Fax: (912) 739-2445

3/8x3 Flat

DL15101592

Customer P.O.	8223	Sales Order	223816.3
Product Group	Merchant Bar Quality	Part Number	5337530024010W0
Grade	NUCOR MULTIGRADE	Lot #	DL1510159201
Size	3/8x3" Flat	Heat #	DL15101592
Product	3/8x3" Flat 20' NUCOR MULTIGRADE	B.L. Number	C1-660559
Description	NUCOR MULTIGRADE	Load Number	C1-339854
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: 3/18/2015 Melt Date: 3/15/2015 Qty Shipped LBS: 4,899 Qty Shipped Pcs: 64

Melt Date: 3/15/2015

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	Sn
0.14%	0.74%	0.009%	0.022%	0.20%	0.33%	0.08%	0.10%	0.010%	0.0350%	0.003%	0.010%
Ti	CE4020										
0.001%	0.32%										

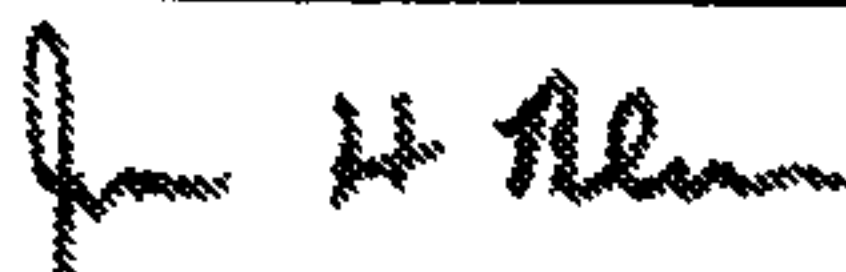
CE4020: C. E. CSA G4020, AASHTO M270

Roll Date: 3/18/2015

Yield 1: 55,000psi	Tensile 1: 74,000psi	Elongation: 27% in 8"(% in 203.3mm)
Yield 2: 54,000psi	Tensile 2: 74,000psi	Elongation 28% in 8"(% in 203.3mm)

Specification Comments: NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-12, A529/529M-05(2009) GR50(345), A572/572M-13A GR50(345), A709/709M-13A GR36(250) & GR50(345), CSA G40.21-04 GR44W(300W) & GR50W(350W) AASHTO M270/M270M-10 GR36(270) & GR50(345), ASME SA36/SA36M-07, QQ-S-741D, KILLED FG PRACTICE

1. WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
2. MELTED AND MANUFACTURED IN THE USA
3. MERCURY, RADIUM, OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL



James H. Blew
Division Metallurgist