

Superior Supply & Steel
 Customer PO: 220864-01
 Heat: 1100012570
 Shipment: 0020040840

NUCOR

Mill Certification
 11/18/2020

MTR#:546903-3
 Lot #:110001257061
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Sold To

Ship To

M

Customer PO	4500355023	Sales Order #	11023163 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008124
Grade	Nucor Multigrade	Lot #	110001257061
Size	8" x 13.75#	Heat #	1100012570
BOL #	BOL-624951	Load #	546903
Description	Hot Roll - Merchant Bar Quality Structural Channel 8" x 13.75# Nucor Multigrade 20' 0" (240") 2001-6000 lbs	Customer Part #	
Production Date	11/17/2020	Qty Shipped LBS	17600
Product Country Of Origin	United States	Qty Shipped EA	64
Original Item Description		Original Item Number	

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.

Melt Country of Origin : United States

Melting Date: 05/26/2020

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.82	0.015	0.030	0.210	0.13	0.22	0.04	0.24	0.001	0.037	0.003
0.010											

ASTM A529 S78.2 CE (%) : 0.38

Other Test Results

Yield (PSI) : 54200

Yield (PSI) : 54800

Tensile (PSI) : 70800

Tensile (PSI) : 71600

Elongation In 8" (%) : 22.0

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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

- 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 ASTM E45 (inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.



Robert Fortson, Quality Assurance