

Date: 5/4/2023 To: SENTRY SUPPLY dba SO#: A762622 Ln#: 1 PO#: P0241316-1 Part: C06105040\* Qty: 1 Heat#: 1100044706\*  
 Tag: B13050323 Page: 1 of 2

**NUCOR**

**Mill Certification**  
 03/27/2023

MTR#:1295181-3  
 Lot #:110004470660  
 8812 HWY 79 W  
 Jewett, TX 75846 US  
 903 626-4461  
 Fax: 903 626-6290

JSE

Customer PO	ssw134579	Sales Order #	11058049 - 11.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008068
Grade	Nucor Multigrade	Lot #	110004470660
Size	6" x 10.5#	Heat #	1100044706
BOL #	BOL-1388027	Load #	1295181
Description	Hot Roll - Merchant Bar Quality Structural Channel 6" x 10.5# Nucor Multigrade 40' 0" [480"] 8001-12000 lbs	Customer Part #	
Production Date	03/07/2023	Qty Shipped LBS	30240
Product Country Of Origin	United States	Qty Shipped EA	72
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: 02/28/2023

C (%)	Mn (%)	P (%)	S (%)	SI (%)	NI (%)	Cr (%)	Mo (%)	Cu (%)	TI (%)	V (%)	Nb (%)
0.13	0.85	0.014	0.017	0.213	0.14	0.21	0.04	0.25	0.001	0.041	0.002

Sn (%)

0.008

ASTM A529 S78.2 CE (%) : 0.39

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58200	75400	21.0
(2)	57200	74300	21.0

**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 not intentionally added at any point during manufacturing or testing of this material.
- 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.

Ada Ortega, Quality Assurance

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E

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