Date: 5/8/2023 To: SENTRY SUPPLY dba SO#: A763125 Ln#: 2 PO#: P0241398-08 Part: C06082020* Qty: 1
Heat#: 1107000515* Tag: B01050523

NUCOR

Mill Certification

05/02/2023

MTR#:1325043-4
Lot #:110700051564
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

To:

Customer PO	ssw134410	Sales Order #	11057731 - 40.2
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008019
Grade	Nucor Multigrade	Lot #	110700051564
Size	6" x 8.2#	Heat #	1107000515
BOL #	BOL-1417536	Load #	1325043
Description	Hot Roll - Merchant Bar Quality Structural Channel 6" x 8.2# Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	03/08/2023	Qty Shipped LBS	4592
Product Country Of Origin	United States	Qty Shipped EA	28
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.

Melting Date: 01/20/2023

Melt Country of Origin : United States

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)	Sn (%)
0.12	0.87	0.018	0.024	0.230	0.18	0.17	0.04	0.32	0.042	0.000	0.010

ASTM A529 S78.2 CE (%) : 0.39

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	60500	76100	21.0
(2)	60800	77900	20.0

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
1. All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
2. Mercury not intentionally added at any point during manufacturing or testing of this material.
3. Welding or weld repair was not performed on this material.
4. This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
5. Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance