



Mill Certification
09/08/2023

MTR#:1474205-4
 Lot #:360003631060
 ONE NUCOR WAY
 BOURBONNAIS, IL 60914 US
 815 937-3131
 Fax: 815 939-5599

Customer PO	ssw138284	Sales Order #	36054384 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	1047355
Grade	Nucor Multigrade	Lot #	360003631060
Size	3"	Heat #	3600036310
BOL #	BOL-1523824	Load #	1474205
Description	Hot Roll - Merchant Bar Quality Round 3" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	07/06/2023	Qty Shipped LBS	17319
Product Country Of Origin	United States	Qty Shipped EA	36
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: 06/25/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Tl (%)	V (%)	Nb (%)
0.14	0.94	0.016	0.037	0.196	0.18	0.16	0.06	0.41	0.000	0.003	0.017

Sn (%)

0.017

ASTM A529 S78.2 CE (%) : 0.41

ASTM A992 5.4 CE (%) : 0.38

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	51600	78600	20.4
(2)	52000	79200	21.0

Comments:

Nucor Multigrade meets the requirements of: ASTM A36/A36M-19, A529/529M-19 GR50, A572/572M-18 GR50, A709/709M-18 GR36 & GR50 No CVN, CSA G40.21-13 GR44W(300W) & GR50W(350W), AASHTO M270/M270M-20 GR36 & GR50, ASME SA36/SA36M-19.

Meets reporting requirements of EN10204 SEC3.1.

All manufacturing processes of the steel materials in this product, including melting, have occurred within the United States. Products produced are weld free. Mercury, in any form, has not been used in the production or testing of this material.

Zachary Sprintz, Chief Metallurgist