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Customer PO	4500544602	Sales Order #	11055987 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008711
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110004430220
Size	0.75"	Heat #	1100044302
BOL #	BOL-1360078	Load #	1267456
Description	Hot Roll - Merchant Bar Quality Round 0.75" (3/4") A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	902420
Production Date	02/18/2023	Qty Shipped LBS	15141
Product Country Of Origin	United States	Qty Shipped EA	504
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: 02/17/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.15	0.87	0.015	0.018	0.207	0.12	0.22	0.04	0.28	0.032	0.002

Reduction Ratio 88.32 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58600	74700	24.0
(2)	59200	74900	25.0

Comments:

MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/A529-05 GR50(345); A572/572M-07 GR50(345); A709/A709M-10 GR36(250); CSA G40.21-04 GR44W(300W)&GR50W(350W); AASHTO M270/270M-10 GR36(270); ASME SA36/SA36M-10; 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