

**Sold By:**  
**NUCOR TUBULAR PRODUCTS INC.**  
DECATUR DIVISION  
2000 INDEPENDENCE AVENUE N.W.  
DECATUR, AL 35601  
Tel: 256 340-7420  
Fax: 256 340-7415

Purchase Order No: 4500539081  
Sales Order No: DCR 156494 - 1  
Bill of Lading No: DCR 113534 - 5  
Invoice No:

Shipped: 10/27/2022  
Invoiced:

**CERTIFICATE of ANALYSIS and TESTS**

Certificate No: DCR 871297

Customer Part No:

Test Date: 10/24/2022

**TUBING A500 GRADE B(C)**  
**4" SQ X 1/2" X 20'**

Total Pieces      Total Weight Lbs  
27                      11,679

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
202619	40N	NM5145	YLD=64300/TEN=85300/ELG=29.5	0.7538	9	3,893
202621	40N	NM5145	YLD=64300/TEN=85300/ELG=29.5	0.7538	9	3,893
202622	40N	NM5145	YLD=64300/TEN=85300/ELG=29.5	0.7538	9	3,893

Mill #: 40N Heat #: NM5145 Carbon Eq: 0.2749 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Sn	Nb
0.1900	0.3800	0.0040	0.0030	0.0240	0.0290	0.1000	0.0500	0.0100	0.0010	0.0400	0.0010	0.0060

Ti	B	Ca	N
0.0010	0.0001	0.0029	0.0058

**Certification:**

I certify that the above results are a true and correct copy of records prepared and maintained by NUCOR TUBULAR PRODUCTS INC. Sworn this day, 10/24/2022.

THE SPECIFICATIONS LISTED BELOW REPRESENT THE CURRENT ISSUED DATES OF THESE STANDARDS. THIS DOES NOT INDICATE THAT THE MATERIAL ABOVE CONFORMS TO EACH OR ALL OF THE STANDARDS. WE CERTIFY THE MATERIAL ABOVE TO THE SPECIFICATION LISTED IN THE LINE DESCRIPTION.

CURRENT STANDARDS:  
A252-19  
A500/A500M-21  
A513/A513M-21  
ASTM A53/A53M-20| ASME SA-53/SA-53M-21  
A847/A847M-14  
A1085/A1085M-15  
IN COMPLIANCE WITH EN 10204 SECTION 4.1  
INSPECTION CERTIFICATE TYPE 3.1



**Nora Oukajji**  
Metallurgist/Quality Supervisor