

**Sold By:**  
**NUCOR TUBULAR PRODUCTS INC.**  
MARSEILLES DIVISION  
1201 E. BROADWAY  
MARSEILLES, IL 61341  
Tel: 815 404-5300  
Fax: 815 795-4449

Purchase Order No: 4500550957  
Sales Order No: MAR 459128 - 1  
Bill of Lading No: MAR 269957 - 3  
Invoice No:

Shipped: 5/12/2023  
Invoiced:

**CERTIFICATE of ANALYSIS and TESTS**

Certificate No: MAR 987784

Customer Part No:

Test Date: 5/8/2023

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

Total Pieces    Total Weight Lbs  
18                    7,786

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
619601	4N	231825	YLD=60745/TEN=69313/ELG=26.95	0.8764	9	3,893
619602	4N	231825	YLD=60745/TEN=69313/ELG=26.95	0.8764	9	3,893

Mill #: 4N Heat #: 231825 Carbon Eq: 0.3039 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.1900	0.5400	0.0210	0.0040	0.0220	0.0330	0.0520	0.0760	0.0130	0.0040	0.0280	0.0010	0.0030

N	B	Ti
0.0070	0.0000	0.0010

**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, 5/8/2023.

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

*[Signature]*  
**Dawn Gowder**  
Quality Supervisor NTP North