

**Sold By:**  
**NUCOR TUBULAR PRODUCTS INC.**  
BIRMINGHAM DIVISION  
3525 RICHARD ARRINGTON JR. BLVD N  
BIRMINGHAM, AL 35201  
Tel: 205 251-1884  
Fax: 205 251-1553

**Purchase Order No:** 4500559619  
**Sales Order No:** BHM 613283 - 4  
**Bill of Lading No:** BHM 61506 - 1  
**Invoice No:**

**Shipped:** 9/28/2023  
**Invoiced:**

**CERTIFICATE of ANALYSIS and TESTS**

**Customer Part No:**

**Certificate No:** BHM 69303

**Test Date:** 9/26/2023

**TUBING A500 GRADE B(C)**  
**6" SQ X 3/16" X 20'**

**Total Pieces** 27  
**Total Weight Lbs** 7,845

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
301260	40N	NN4545	YLD=62500/TEN=72900/ELG=26.2/RWB=83	0.8573	9	2,615
301264	40N	NN4545	YLD=62500/TEN=72900/ELG=26.2/RWB=83	0.8573	9	2,615
301265	40N	NN4545	YLD=62500/TEN=72900/ELG=26.2/RWB=83	0.8573	9	2,615

**Mill #:** 40N **Heat #:** NN4545 **Carbon Eq:** 0.2941 **Heat Src Origin:** MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Cb
0.2000	0.4300	0.0070	0.0030	0.0280	0.0290	0.1200	0.0500	0.0100	0.0020	0.0300	0.0060	0.0060

Sn	N	B	Ti	Ca
0.0000	0.0062	0.0001	0.0000	0.0016

**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, 9/26/2023.

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



**Nora Oukajji**  
Metallurgist/Quality Supervisor