

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: 4500546213
Sales Order No: MAR 454260 - 6
Bill of Lading No: MAR 267125 - 4
Invoice No:

Shipped: 3/12/2023
Invoiced:

CERTIFICATE of ANALYSIS and TESTS

Certificate No: MAR 939489

Customer Part No:

Test Date: 2/20/2023

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

Total Pieces Total Weight Lbs
75 10,665

| Bundle Tag | Mill | Heat | Specs | Y/T Ratio | Pieces | Weight Lbs |
|------------|------|--------|------------------------------|-----------|--------|------------|
| 582219 | 4N | 126866 | YLD=74370/TEN=83092/ELG=23.6 | 0.8950 | 25 | 3,555 |
| 582222 | 4N | 126865 | YLD=73633/TEN=87274/ELG=23.2 | 0.8437 | 25 | 3,555 |
| 582223 | 4N | 126865 | YLD=73633/TEN=87274/ELG=23.2 | 0.8437 | 25 | 3,555 |

Mill #: 4N Heat #: 126865 Carbon Eq: 0.3182 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

| C | Mn | P | S | Si | Al | Cu | Cr | Mo | V | Ni | Nb | Sn |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.2000 | 0.5600 | 0.0070 | 0.0010 | 0.0400 | 0.0350 | 0.0940 | 0.0570 | 0.0190 | 0.0030 | 0.0420 | 0.0010 | 0.0040 |
| N | B | Ti | | | | | | | | | | |
| 0.0070 | 0.0000 | 0.0020 | | | | | | | | | | |

Mill #: 4N Heat #: 126866 Carbon Eq: 0.3158 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

| C | Mn | P | S | Si | Al | Cu | Cr | Mo | V | Ni | Nb | Sn |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.2000 | 0.5400 | 0.0070 | 0.0030 | 0.0250 | 0.0300 | 0.0930 | 0.0590 | 0.0210 | 0.0030 | 0.0450 | 0.0010 | 0.0040 |
| N | B | Ti | Sb | | | | | | | | | |
| 0.0060 | 0.0000 | 0.0010 | 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, 2/20/2023.

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



Dawn Gowder
Quality Supervisor NTP North