

**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: 2303314  
Sales Order No: MAR 463761 - 1  
Bill of Lading No: MAR 272313 - 1  
Invoice No:

Shipped: 7/31/2023  
Invoiced:

**Sold To:**

**Ship To:**

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 36199

**Customer Part No:**

**Test Date:** 7/26/2023

**TUBING A500 GRADE B(C)**  
**9" X 7" X 1/4" X 30'**

Total Pieces    Total Weight Lbs  
60                    46,470

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR  
PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1  
STANDARDS  
PRODUCT OF COIL SIZE  
SIZE IS SUBJECT TO ACCUMULATION

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
136934	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136935	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136936	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136937	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136938	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136939	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136940	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136941	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136942	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136943	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136944	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136945	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136946	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136947	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136948	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098

Mill #: 13N Heat #: EA4215 Carbon Eq: 0.3051 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.2000	0.4800	0.0090	0.0010	0.0400	0.0310	0.1200	0.0600	0.0100	0.0020	0.0400	0.0000	0.0050

N	B	Ti	Ca
0.0058	0.0002	0.0010	0.0014

T/R W/S


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, 7/26/2023.

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



**Dawn Gowder**  
Quality Supervisor NTP North

**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: 2303314  
Sales Order No: MAR 463746 - 1  
Bill of Lading No: MAR 272624 - 1  
Invoice No:

Shipped: 8/7/2023  
Invoiced:

**Sold To:**

**Ship To:**

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 41167

**Customer Part No:**

**Test Date:** 8/4/2023

**TUBING A500 GRADE B(C)**  
**10" X 8" X 1/4" X 20'**

Total Pieces    Total Weight Lbs  
76                    44,422

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR  
PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1  
STANDARDS

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
139065	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139066	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139067	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139068	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139069	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139070	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139071	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139072	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139073	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139074	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139075	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139076	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139077	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139078	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139079	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139080	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139082	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139090	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139091	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338

Mill #: 4N Heat #: 233826 Carbon Eq: 0.2987 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.1800	0.5200	0.0100	0.0050	0.0210	0.0280	0.1200	0.0760	0.0200	0.0050	0.0580	0.0000	0.0070

N	B	Ti	Sb
0.0090	0.0000	0.0010	0.0010

T/R W/S

Certification:

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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

**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: 2303314  
Sales Order No: MAR 463761 - 1  
Bill of Lading No: MAR 272313 - 1  
Invoice No:

Shipped: 7/31/2023  
Invoiced:

**Sold To:**

**Ship To:**

**CERTIFICATE of ANALYSIS and TESTS**

**Customer Part No:**

**TUBING A500 GRADE B(C)**  
**9" X 7" X 1/4" X 30'**

**Certificate No:** MAR 36199

**Test Date:** 7/26/2023

Total Pieces    Total Weight Lbs  
60                    46,470

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR  
PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1  
STANDARDS  
PRODUCT OF COIL SIZE  
SIZE IS SUBJECT TO ACCUMULATION

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
136934	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136935	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136936	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136937	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136938	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136939	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136940	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136941	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136942	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136943	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136944	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136945	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136946	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136947	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136948	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098

Mill #: 13N Heat #: EA4215 Carbon Eq: 0.3051 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.2000	0.4800	0.0090	0.0010	0.0400	0.0310	0.1200	0.0600	0.0100	0.0020	0.0400	0.0000	0.0050

N	B	Ti	Ca
0.0058	0.0002	0.0010	0.0014

T/R W/S

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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

**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: 2303314  
Sales Order No: MAR 463761 - 1  
Bill of Lading No: MAR 272313 - 1  
Invoice No:

Shipped: 7/31/2023  
Invoiced:

**Sold To:**

**Ship To:**

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 36199

**Customer Part No:**

**Test Date:** 7/26/2023

**TUBING A500 GRADE B(C)**  
**9" X 7" X 1/4" X 30'**

Total Pieces    Total Weight Lbs  
60                    46,470

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR  
PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1  
STANDARDS  
PRODUCT OF COIL SIZE  
SIZE IS SUBJECT TO ACCUMULATION

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
136934	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136935	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136936	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136937	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136938	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136939	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136940	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136941	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136942	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136943	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136944	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136945	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136946	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136947	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098
136948	13N	EA4215	YLD=58515/TEN=72117/ELG=31.7	0.8114	4	3,098

Mill #: 13N Heat #: EA4215 Carbon Eq: 0.3051 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.2000	0.4800	0.0090	0.0010	0.0400	0.0310	0.1200	0.0600	0.0100	0.0020	0.0400	0.0000	0.0050

N	B	Ti	Ca
0.0058	0.0002	0.0010	0.0014

T/R W/S

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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





**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: 2300074  
Sales Order No: MAR 451848 - 1  
Bill of Lading No: MAR 267975 - 1  
Invoice No:

Shipped: 3/16/2023  
Invoiced:

**Sold To:**

**Ship To:**

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 955867

**Customer Part No:**

**Test Date:** 3/14/2023

**TUBING A500 GRADE B(C)**  
**9" X 7" X 1/4" X 20'**

Total Pieces    Total Weight Lbs  
12                                  6,198

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1 STANDARDS  
PRODUCT OF COIL SIZE  
SIZE IS SUBJECT TO ACCUMULATION

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
106208	13N	EA3156	YLD=58993/TEN=73504/ELG=30.15	0.8026	4	2,066
106214	13N	EA3156	YLD=58993/TEN=73504/ELG=30.15	0.8026	4	2,066
106215	13N	EA3156	YLD=58993/TEN=73504/ELG=30.15	0.8026	4	2,066

Mill #: 13N Heat #: EA3156 Carbon Eq: 0.3171 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.2100	0.4600	0.0100	0.0010	0.0200	0.0340	0.1300	0.0800	0.0100	0.0020	0.0500	0.0000	0.0050
N	B	Ti	Ca									
0.0098	0.0002	0.0010	0.0025									

Certification:

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CURRENT STANDARDS:

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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

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

Purchase Order No: 2303314  
Sales Order No: MAR 463746 - 1  
Bill of Lading No: MAR 272624 - 1  
Invoice No:

Shipped: 8/7/2023  
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**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 41167

**Customer Part No:**

**Test Date:** 8/4/2023

**TUBING A500 GRADE B(C)**  
**10" X 8" X 1/4" X 20'**

Total Pieces    Total Weight Lbs  
76                    44,422

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR  
PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1  
STANDARDS

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
139065	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139066	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139067	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139068	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139069	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
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139071	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139072	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139073	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139074	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139075	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139076	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139077	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139078	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139079	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139080	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139082	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139090	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338
139091	4N	233826	YLD=55513/TEN=70792/ELG=33.55	0.7842	4	2,338

Mill #: 4N Heat #: 233826 Carbon Eq: 0.2987 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.1800	0.5200	0.0100	0.0050	0.0210	0.0280	0.1200	0.0760	0.0200	0.0050	0.0580	0.0000	0.0070

N	B	Ti	Sb
0.0090	0.0000	0.0010	0.0010

T/R W/S


Certification:

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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

**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: 2303066  
Sales Order No: MAR 462628 - 1  
Bill of Lading No: MAR 271833 - 2  
Invoice No:

Shipped: 7/17/2023  
Invoiced:

**Sold To:**

**Ship To:**

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 25546

**Customer Part No:**

**Test Date:** 7/10/2023

**TUBING A500 GRADE B(C)**  
**10" X 8" X 1/4" X 40'**

Total Pieces    Total Weight Lbs  
8                            9,354

ALL TEST CERTIFICATES RELEASED BY NUCOR TUBULAR PRODUCTS ARE IN COMPLIANCE WITH EN 10204 TYPE 3.1 STANDARDS

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
623632	4N	231877	YLD=59823/TEN=75474/ELG=27.1	0.7926	4	4,677
623637	4N	231877	YLD=59823/TEN=75474/ELG=27.1	0.7926	4	4,677

Mill #: 4N Heat #: 231877 Carbon Eq: 0.3157 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Sn
0.1900	0.5500	0.0180	0.0030	0.0210	0.0310	0.1340	0.0750	0.0240	0.0040	0.0680	0.0000	0.0050
N	B	Ti	Sb									
0.0100	0.0000	0.0010	0.0010									

T/R W/S

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, 7/10/2023.

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