

**Sold By:**  
**INDEPENDENCE TUBE CORPORATION**  
6226 W. 74th St.  
Chicago, IL 60638  
Tel: 708-496-0380  
Fax: 708-563-1950

Purchase Order No: 5030758  
Sales Order No: TRI 13925 - 4  
Bill of Lading No: TRI 14675 - 4  
Invoice No:

Shipped: 12/3/2019  
Invoiced:

**Sold To:**  
**2123 - UNITED PIPE AND STEEL CORP**  
83 TURNPIKE ROAD  
IPSWICH, MA 01938

**Ship To:**  
**25 - UNITED PIPE AND STEEL CORP**  
1422 LOWELL STREET  
440-323-0060  
ELYRIA, OH 44035

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** TRI 205675

**Customer Part No:** 2.S80

**Test Date:** 12/2/2019

**ROUND A53 TYPE E GRADE B**  
**2.375"OD (2"NPS) X SCH80 X 21'**

Total Pieces    Total Weight Lbs  
48                            5,060

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
181636	40N	NJ0761	YLD=81400/TEN=82900/ELG=26	0.9819	24	2,530
191715	40N	SJ1788	YLD=74000/TEN=79800/ELG=28.5	0.9273	24	2,530
	40N	NJ1859	YLD=67000/TEN=78100/ELG=26.5	0.8579		

Mill #: 40N Heat #: NJ0761 Carbon Eq: 0.1344 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Cb
0.0500	0.4000	0.0060	0.0010	0.2420	0.0230	0.0800	0.0400	0.0100	0.0020	0.0300	0.0100	0.0100

Sn	N	B	Ti	Ca
0.0020	0.0059	0.0001	0.0020	0.0016

LEED Information (based on the most recent LEED information from the producing mill)

Method	Location	Recycled Content	Post Consumer	Post Industrial
EAF	Decatur, AL	61.6%	27.2%	34.4%

Mill #: 40N Heat #: NJ1859 Carbon Eq: 0.1463 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Cb
0.0600	0.3900	0.0080	0.0020	0.2400	0.0280	0.1000	0.0500	0.0100	0.0030	0.0300	0.0100	0.0100

Sn	N	B	Ti	Ca
0.0030	0.0056	0.0001	0.0020	0.0037

LEED Information (based on the most recent LEED information from the producing mill)

Method	Location	Recycled Content	Post Consumer	Post Industrial
EAF	Decatur, AL	61.6%	27.2%	34.4%

Mill #: 40N Heat #: SJ1788 Carbon Eq: 0.1342 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Nb	Cb
0.0500	0.4000	0.0080	0.0010	0.2310	0.0270	0.0800	0.0400	0.0100	0.0010	0.0300	0.0100	0.0100

Sn	N	B	Ti	Ca
0.0020	0.0069	0.0001	0.0020	0.0016

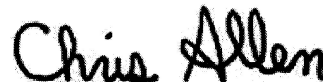
LEED Information (based on the most recent LEED information from the producing mill)

Method	Location	Recycled Content	Post Consumer	Post Industrial
EAF	Decatur, AL	61.6%	27.2%	34.4%

Certification:

I certify that the above results are a true and correct copy of records prepared and maintained by Independence Tube Corporation. Sworn this day, 12/2/2019.

WE PROUDLY MANUFACTURE ALL OUR PRODUCTS IN THE USA  
NUCOR TUBULAR PRODUCTS ARE MANUFACTURED, TESTED  
AND INSPECTED IN ACCORDANCE WITH ASTM STANDARDS.  
MATERIAL IDENTIFIED AS A500 GRADE B(C) MEETS BOTH  
ASTM A500 GRADE B AND A500 GRADE C SPECIFICATIONS.



**Chris Allen, ASQ CMQ/OE**  
Quality Systems Supervisor

CURRENT STANDARDS:

A252-10  
A500/A500M-18  
A513/A513M-15  
ASTM A53/A53M-12 | ASME SA-53/SA-53M-13  
A847/A847M-14  
A1085/A1085M-15  
IN COMPLIANCE WITH EN 10204 SECTION 4.1  
INSPECTION CERTIFICATE TYPE 3.1