

**Customer Name** COASTAL STEEL SERVICE LLC **Customer PO#** 2063 **Invoice No** 735340 **Shipper No** 713572 **Heat Number** 440055



**Independence Tube**

6226 W. 74th St  
Chicago, IL 60638  
708-496-0380  
Fax: 708-563-1950

independencetube.com  
itctube.com  
Certificate Number: MAR 302195

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

Purchase Order No: NE-490781  
Sales Order No: MAR 286614 - 13  
Bill of Lading No: MAR 167265 - 8  
Invoice No:

Shipped: 6/11/2015  
Invoiced:

**Sold To:**  
**914 - INFRA METALS-WALLINGFORD**  
55 PENT HIGHWAY  
WALLINGFORD, CT 06492

**Ship To:**  
**2 - INFRA-METALS (RAIL)**  
55 PENT HIGHWAY  
TRACK #953  
WALLINGFORD, CT 06492

**CERTIFICATE of ANALYSIS and TESTS**

**Certificate No:** MAR 302195

**Customer Part No:**

**Test Date:** 6/8/2015

**TUBING A500C**  
**8" X 4" X 1/4" X 40'**

**Total Pieces** 8 **Total Weight** 6,086

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight
926657	39	440055	YLD=63600/TEN=77050/ELG=30.4	0.8254	8	6,086

Mill #: 39 Heat #: 440055 Carbon Eq: 0.3597 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Cb
0.2100	0.8400	0.0160	0.0050	0.0200	0.0500	0.0100	0.0300	0.0100	0.0020	0.0100	0.0020

LEED Information (based on most recent LEED information from 1/1/2014)

Method	Location	Recycled Content	Post Consumer	Post Industrial
BOF	Gary, IN	21.0%	5.0%	16.0%

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, 6/8/2015

WE PROUDLY MANUFACTURE ALL OF OUR HSS IN THE USA.  
INDEPENDENCE TUBE PRODUCT IS MANUFACTURED, TESTED,  
AND INSPECTED IN ACCORDANCE WITH ASTM STANDARDS.

CURRENT STANDARDS:

- .....A500/A500M-13
- .....A513-12
- .....A252-10
- .....A847/A847M-12

Jose Martinez, QMS Manager

MATERIAL IDENTIFIED AS A500 GRADE B(C) MEETS BOTH  
ASTM A500 GRADE B AND A500 GRADE C SPECIFICATIONS.

<u>Customer Name</u>	<u>Customer PO#</u>	<u>Invoice No</u>	<u>Shipper No</u>	<u>Heat Number</u>
COASTAL STEEL SERVICE LLC	2063	735340	713572	1506618

## CERTIFICATE OF CONFORMANCE

CAMDEN YARDS STEEL, INC.  
 2500 BROADWAY DRAWER 14  
 CAMDEN, NJ 08104  
 856-342-7100

6/09/15

TO:  
 INFRA-METALS CO.  
 55 PENT HIGHWAY  
 WALLINGFORD, CT. 06492

SHIP TO:  
 INFRA-METALS  
 55 PENT HIGHWAY  
 WALLINGFORD, CT. 06492  
 203-294-2980

SIZE: .375 X 48.00 X 96.00

GRADE: HR A36

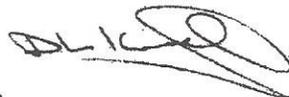
Bill/Ladng# 580864 B/L Date 6/09/15

Tag# 1162562 01	Weight 9800		
Cust. P/O#: NE-490633	Sales Ord# 270438	01	Origin USA
Heat# 1506618	MasterTag# 165988	01	
C : .19	Mn: .49	P : .017	S : .002
Si: .03	Al: .024	Ti: .001	
	Cu: .09	Va: .003	Cr: .04
Ni: .03			N : .006
Tensile: 70800	Yield: 49800		Elongation: 32%

Tag# 1162563 01	Weight 9800		
Cust. P/O#: NE-490633	Sales Ord# 270438	01	Origin USA
Heat# 1506618	MasterTag# 165988	01	
C : .19	Mn: .49	P : .017	S : .002
Si: .03	Al: .024	Ti: .001	
	Cu: .09	Va: .003	Cr: .04
Ni: .03			N : .006
Tensile: 70800	Yield: 49800		Elongation: 32%

Tag# 1162564 01	Weight 9800		
Cust. P/O#: NE-490633	Sales Ord# 270438	01	Origin USA
Heat# 1506618	MasterTag# 165988	01	
C : .19	Mn: .49	P : .017	S : .002
Si: .03	Al: .024	Ti: .001	
	Cu: .09	Va: .003	Cr: .04
Ni: .03			N : .006
Tensile: 70800	Yield: 49800		Elongation: 32%

WE HEREBY CERTIFY THE ABOVE FIGURES ARE ACCURATELY STATED, MEET YOUR MATERIAL REQUIREMENTS AND ARE TRACEABLE IN OUR RECORDS BACK TO THE PRODUCER AND/OR AN ACCREDITED TEST LABORATORY.



.....  
 QUALITY ASSURANCE MANAGER

<u>Customer Name</u>	<u>Customer PO#</u>	<u>Invoice No</u>	<u>Shipper No</u>	<u>Heat Number</u>
COASTAL STEEL SERVICE LLC	2063	735340	713572	JK3414



Steel Dynamics - Roanoke Bar Division  
 P.O. Box 13948 Roanoke, VA 24038  
 Office: 540-342-1831 Fax: 540-342-9437

Test and Inspection Report NO. 94030-3  
 ROANOKE

INFRA-METALS CO.-CT.

55 PENT HIGHWAY  
 WALLINGFORD CT 6492-0000

Date 6/04/15

HEAT NUMBER	SIZE	1-YIELD Pt. KSI	ULTIMATE KSI	ELONG 8 IN. TEST	BEND TEST	GRADE					
JK3414	ANGLES 2 1/2 X 2 1/2 X 5/16	53.7	74.3	30.3		A36/A529					
PURCHASE ORDER NUMBER	NUMBER PIECES	2-YIELD PT. KSI	ULTIMATE KSI	ELONG 8 IN. TEST	BEND TEST	GRADE					
NE-490300	50 PIECES 40'	55.7	76.5	31.0		A36/A529					
HEAT NUMBER	SIZE	1-YIELD Pt. MPA	ULTIMATE MPA	ELONG 203mm TEST	BEND TEST	GRADE					
JK3414	ANGLES 63.5 X 63.5 X 7.9	370.3	512.3	30.3		A36/A529					
PURCHASE ORDER NUMBER	NUMBER PIECES	2-YIELD PT. MPA	ULTIMATE MPA	ELONG 203mm TEST	BEND TEST	GRADE					
NE-490300	50 PIECES 40'	384.0	527.5	31.0		A36/A529					
C	MN	S	P	SI	CR	NI	MO	CU	V	NB	CE
.14	1.00	.031	.010	.22	.14	.13	.04	.26	.021	.002	.41

MERCURY, RADIUM OR OTHER ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL. NO WELD REPAIR HAS BEEN PERFORMED.

Approved ABS QA Mill. Certificate No. 12-MMPQA-676

This material was melted and manufactured in the USA by basic Electric Furnace processes to meet specification: ASTM A36-14, A529-14 GR50, ASTM A572-15 GR50, A709-13A GR36 & GR50, ASME SA36-13 (01JUL13)

The tensile values stated in either inch-pound units or SI units are to be regarded as separate as defined in the ASTM scope for this material. Unless a metric specification is ordered, this material has been tested and meets the requirements of the inch-pound ranges.

This is to certify the above to be a true and accurate report as contained in the records of this company.

Engineer of Tests: Lewis E. Leftwich Jr.

<u>Customer Name</u>	<u>Customer PO#</u>	<u>Invoice No</u>	<u>Shipper No</u>	<u>Heat Number</u>
COASTAL STEEL SERVICE LLC	2063	735340	713572	342861



**Independence Tube**

6226 W. 74th St  
Chicago, IL 60638  
708-496-0380  
Fax: 708-563-1950

independencetube.com  
itctube.com  
Certificate Number: MAR 91465

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

Purchase Order No: NE-75907  
Sales Order No: MAR 249017 - 1  
Bill of Lading No: MAR 145160 - 5  
Invoice No:

Shipped: 10/29/2013  
Invoiced:

**Sold To:**  
**914 - INFRA-METALS**  
55 PENT HIGHWAY  
WALLINGFORD, CT 06492

**Ship To:**  
**1 - INFRA-METALS (TRUCK)**  
55 PENT HIGHWAY  
WALLINGFORD, CT 06492

**CERTIFICATE of ANALYSIS and TESTS**

Certificate No: MAR 91465

Customer Part No:

Test Date: 10/21/2013

**TUBING A500C**  
**7" X 5" X 1/4" X 40'**

Total Pieces    Total Weight  
9                    6,847

Heat #: 342861 Yield: 57,990 psi Tensile: 71,540 psi Elongation: 34.0 % Y/T Ratio: 0.8106 Carbon Eq: 0.3425

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni
0.2000	0.7900	0.0100	0.0040	0.0200	0.0500	0.0300	0.0300	0.0100	0.0010	0.0100

Bundle Tag	Pieces	Weight
763424	9	6,847

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, 10/21/2013

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**CURRENT STANDARDS:**

- .....A500/A500M-10a
- .....A513-07
- .....A252-98 (2002)
- .....A847/A847M-11

Jose Martinez, QMS Manager