

PHOENIX TUBE COMPANY, INC.

Manufacturer of Stainless Ornamental and Structural Tubing

CERTIFICATION OF TEST

Sold To: **HARRY COOPER SUPPLY**
605 N. SHERMAN PKWY

Ship To: **HARRY COOPER SUPPLY**
605 N. SHERMAN PKWY

SPRINGFIELD MO 65802
USA

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USA

CUSTOMER ORDER#: **P1317119**

Phone# **8658392** Ext:

CUST REF NBR:

ORDER#: **548660**

DATE SHIPPED: **11/04/19**

QTY SHIPPED: **720.0**

SIZE: **2SQ X 11GA P180**

GRADE: **304L** WELD: **HF**

SOURCE: **USA**

HEAT#: **526135**

VENDOR: **OUTOK**

TEST REPORT#: **TR015967**

Report Date: **08/20/19**

Specification:

| | | | |
|----------------------|-----------------------------|---------------------------|--------------------------|
| ASTM A554-16 | T304L/304 DUAL CERTIFIED MT | NO WELD REPAIR | EN 10204 2.2 |
| ASTM A240-18 | ASME SA 240 17 | RAW MATERIAL SPEC | NACE MR0175/MR0103 |
| AMS5511H/AMS5513J | UNS# 30400 / 30403 | RoHS 1 @ 2 COMPLIANT | AISI 304L |
| HR STAINLESS STEEL | STRUCTURAL TUBING | QTY SHIPPED EQUALS | TOTAL FOOTAGE |
| APPROX WEIGHT PER FT | IS CALCULATED FROM THE | PACKING LIST TOTAL WEIGHT | DIVIDED BY TOTAL FOOTAGE |

Stock 4724219 11/12/2019

SSTUBE SQ 2IN X 2IN X 11GA 304SS SQ
TUBE 180 GRIT POLISH OD

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.
 MFG USING ANNEALED AND PICKLED PLATE, SHEET, OR STRIP. MATERIAL IS FULL SOLUTION ANNEALED, AND SHOWS NO CONTINUOUS CARBID PRECIPITATION. MIN SOLUTION ANNEAL TEMP 1900F WATER QUENCHED

Chemical Analysis


| C | MN | P | S | SI | CR | NI | MO | CU | CO | N2 | T1 |
|------|------|------|------|-----|-------|------|-----|-----|-----|-----|-----|
| .028 | 1.78 | .032 | .014 | .53 | 18.10 | 8.05 | .40 | .49 | N/A | .07 | N/A |

Physical Analysis

| Hardness | YIELD | | TENSILE | | OTHER | |
|----------|-------|-----|---------|-----|------------|------------|
| | PSI | MPA | PSI | MPA | Percent EL | Percent RA |
| RB 82 | 47570 | 328 | 93836 | 647 | 51 | 54 |

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
 MECHANICAL PROPERTIES ARE MEASURED FROM SHEET COIL AND PLATE BEFORE CUTTING

THIS MATERIAL INCLUDING THE BILLETS, WAS
 Melted & MFG in USA DFARS 252.225 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept. 

1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337
 FAX NUMBER: 610-865-4073