

Ship To:

Sold To:

Page: 1 of 1

Customer PO:

Shipper:

Sales Order:

Customer Item:

Item Number: C316L0500S-5

Lot: 24189

Remarks:

SPECIFICATION REQUIREMENTS

Alloy/Grade: 316L

Temper: Annealed

Specifications: ASTM A213-05C EAW, ASTM A269-04, EN 10204 3.1

Length: 750 ft /

OD: .4950 / .5050

ID: .0000 / .0000

Wall: .0441 / .0539

Qty Shipped: 4916

Date Shipped: 01/12/06

MECHANICAL PROPERTIES

TENSILE, PSI

70000 MIN

77900

78800

YIELD, PSI

25000 MIN

26100

25300

ELONGATION %

35 MIN

54

57

HARDNESS

HRB 90 MAX

65

60

OTHER TESTS

Flare OK, E.C. OK, Flatten OK, Clean ID, Clean OD, Bright ID, Bright OD

100% hydro @ 4400 PSI

CHEMICAL ANALYSIS

Heat: 800090

Melter: Sanyo

Country of Origin: Japan

C: 0.018

Mn: 1.11

P: 0.033

S: 0.008

Si: 0.31

Cr: 16.79

Ni: 12.19

Mo: 2.06

THIS IS TO CERTIFY THAT ALL REQUIRED INSPECTIONS AND TESTS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE ORDER REQUIREMENTS AND THAT THE VALUES SHOWN ARE CORRECT AND TRUE. BASED ON THESE TESTS, THE MATERIAL COMPLIES WITH THE ORDER REQUIREMENTS.

--- PRODUCT MANUFACTURED IN USA ---

--- MATERIAL PRODUCED FREE OF MERCURY ---

By:

Thomas S. Wilson
THOMAS S WILSON, QUALITY MANAGER

Date:

1/12/06