

# Certified Test Report

18957

**Ship To: 11305**  
 EDMONTON VALVE AND FITTING  
 INC.  
 4503-93 ST NW  
 EDMONTON, AB T6E 5S9  
 CANADA

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 4503-93 ST NW  
 EDMONTON, AB T6E 5S9  
 CANADA

Page: 1 of 2  
**Customer PO:** 822187-0  
**Shipper:**  
**Sales Order:** 66634.2  
**Item Number:** S316D0375S-049  
**Lot:** 1177098

**Customer Item:** SS-T6-S-049-20  
**Customer Drawing:** SCS-00062 REV C

*SS-T6-S-049-20*

### SPECIFICATION REQUIREMENTS

**Alloy/Grade:** 316L      **Temper:** Annealed  
**Specifications:** ASME SA213-21B EAW, ASTM A1016-18a, ASTM A213-21B EAW, ASTM A269-15A, EN 10204 3.1-2004  
 Nace MR0103-2012, Nace MR0175/ISO 15156-09, PED 2014/68/EU

TOLERANCE	ACTUAL DIMENSIONS
Length: 20 ft / 20 ft .1250"	
OD: .3710 / .3790	.3754 / .3765
ID: .0000 / .0000	.0000 / .0000
Wall: .0441 / .0539	.0480 / .0530

**Qty Shipped:** 10680      **Date Shipped:** 02/17/2022

**TP 316 SMLS / TP 316L SMLS UNS S31600 / S31603**  
**2.5% Min Moly DFARS Complaint**

### MECHANICAL PROPERTIES

TENSILE, PSI	YIELD, PSI	ELONGATION %	HARDNESS
75000 MIN	30000 MIN	35 MIN	HRB 90 MAX
84400	45200	58	73
83100	43900	58	75

### OTHER TESTS

Flare OK, E.C. OK, Flatten OK, Clean ID, Clean OD, Bright ID, Bright OD  
 Positive Material Identification using Niton XL Series Analyzers  
 Eddy Current tested per ASTM E426  
 Thermocouple clean per ASTM A632-S3.1, S3.1.2, and S3.2  
 Microstructure clean & free from any carbide precipitation  
 SQS-00012 SQS-00020

### CHEMICAL ANALYSIS

**Heat:** 402559      **Melter:** Sanyo      **Country of Origin:** Japan  
**C:** 0.017      **Mn:** 1.84      **P:** 0.032      **S:** 0.006      **Si:** 0.32  
**Cr:** 16.44      **Ni:** 11.39      **Mo:** 2.58

By: *Wayne Kof Wayne Koludjeski Lab Tech.*



Specializing in Seamless Coil Tubing

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PHONE | +1 (302) 697-9521  
WEB | www.HandyTube.com  
MAIL | 124 Vepco Blvd.  
Camden, DE 19934 USA

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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.

--- SEAMLESS TUBE MANUFACTURED IN USA ---  
--- MATERIAL PRODUCED FREE OF MERCURY ---  
--- PRODUCT RoHS, RoHS2 & RoHS3 COMPLIANT ---

ALL TEST RESULTS ARE MAINTAINED ON FILE PER CMC-QAD-SOP-010

By: Wayne Kolodjeski Lab Tech.

Date: 02/16/2022