

TAYLOR  
FORGE

# Taylor Forge Stainless, Inc.

22 Readington Rd, North Branch, NJ 08876  
Tel: 908-722-1313; Toll Free: 1-800-223-1068; Fax: 908-722-2943



## Material Test Report

Shipment No: 000050296

Sold To:  
TEXAS PIPE & SUPPLY CO.  
2330 HOLMES ROAD  
HOUSTON TX - 77051

Ship To:  
TEXAS PIPE & SUPPLY CO.  
2330 HOLMES ROAD  
HOUSTON TX - 77051

Customer PO Number: 127602-00

TFS Sales Order: 25644X

Item ID: 17062  
Item Desc: 1 LR 45 10S WP316/316LS A/SA403  
Mill Heat: B989  
Heat Code: MAGM  
Quantity: 10.00

### Chemical Properties

C (%)	Cr (%)	Mn (%)	Mo (%)	Ni (%)	P (%)	S (%)	Si (%)
0.029	16.66	1.38	2.17	12.49	0.034	0.005	0.44

### Physical Properties

EL (%)	TS (PSI)	YS (PSI)
43	77400	39400

### Notes:

ASTM A403-11/ASME SA403 2010 EDITION 2011a ADDENDA  
FITTINGS WERE SOLUTION ANNEALED @ 1900 DEG F MINIMUM AND WATER QUENCHED.  
NACE MR0103-2010 & MR 0175 / ISO 15156-3:2003, 2007Addenda Compliant-Hardness <RC22  
MADE IN USA  
EN 10204:2004/3.1  
FITTINGS WERE MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH  
THE SPECIFICATION AND FOUND TO MEET THE REQUIREMENTS.  
NO MERCURY, HALOGEN AND LOW MELTING POINT ALLOY CONTAMINATION.  
MARKING MATERIALS DO NOT CONTAIN HARMFUL AMOUNTS OF CHLORIDES, METALS OR  
METALLIC SALTS SUCH AS ZINC OR COPPER.  
ASME B16.9  
ISO9001:2008 QUALITY SYSTEM, CERTIFICATE#111144.01, EXPIRATION 9/14/2013.

*S. H. Grant Jr.*

Stanley Grant  
QA Assistant Manager

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2/8/2013