## Fire Test Report API Standard 6FB, Third Edition

Performed for

# Flexitallic

www.flexitallic.com

6 inch Class 300 "CHANGE" Gasket made with 316L/FG materials

> Project Number: 213050 Test Date: February 20, 2013

> > Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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## Yarmouth Research and Technology, LLC

#### **Customer:** Flexitallic **Date:** 2/20/2013 **Product Code:** 6 inch Class 300 "CHANGE" Gasket made with 316L/FG materials PN213050 **Project Number: Specification:** API 6FB (R2011) 3rd Edition Non-Bending, On-shore or Open-offshore Test Seal Area OD: Seal Area ID: 8.50 7.0625 inches **Mean Seal Diameter:** 7.78inches **Mean Circumference:** 24.4inches Allowable Leakage: 24.4ml/min **Nominal Test Pressure:** 555psig YRT Technician: Matthew J. Wasielewski, P.E. Version of YRT's FIRE-Control 6FB Software: A Equipment Confirmed to be in Calibration to NIST Standards: Yes Burn and Cool Down Test Burn Start Time: 10:52:00 Burn / Cooldown Duration: 60 minutes Average Pressure During Burn/Cooldown: 567 psig Leak Rate During Burn/Cool Down: 1.0ml/min Allowable External Leak Rate: $\mathbf{24}$ ml/min minutes Amount of Time of Avg. Cal. Block > 1200 deg.: 23.8Were Test Conditions Within Compliance? Yes Was the Leakage Below the Allowable? Yes **Depressurization - Repressurization Test** Average Pressure During Test: 553 psig Gasket Leak Rate: 0.0 ml/min Allowable External Leak Rate: 24ml/min Was the Leakage Below the Allowable? Yes Does the Gasket Pass or Fail API 6FB? PASS Witnesses Mart Q Waichers h. J WASIELEWSKI Note:

### API 6FB FIRE TEST REPORT

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