

# Yarmouth Research and Technology, LLC

**Customer:** Alloy Valves & Control, Inc.

**Date:** 11/9/2016

**Specification:** ANSI/API Standard 607, Seventh Edition, 2016

ISO 10497: 2010

**Product Description:** 2 inch 2000 WOG 3-Piece Carbon Steel Ball Valve

**Valve Code:** 8481.80.3070

**Project Number:** 216242

**Yarmouth Engineer:** Matthew J. Wasielewski, P.E.

**Equipment Confirmed to be in Calibration to NIST Standards:** Yes

## ***Burn and Cool Down Test***

Burn Start Time:	9:03:00	
Average Pressure During Burn:	1524	psig
Seat Leak Rate During Burn:	0	ml/min
Allowable Seat Leak Rate:	800	ml/min
External Leak Rate During Burn/Cool Down:	0.8	ml/min
Allowable External Leak Rate:	200	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	22.0	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

## ***Operational Test***

Average Pressure During Test:	1549	psig
External Leak Rate After Operating:	0	ml/min
Allowable External Leak Rate:	50	ml/min
Was the Leakage Below the Allowable?	Yes	
<b>Does Valve Pass or Fail the Test Standard?</b>	<b>PASS</b>	

**Certified by**



Matthew J. Wasielewski, PE

President and Manager

Yarmouth Research & Technology, LLC

