

# Yarmouth Research and Technology, LLC

Customer: Valworx Inc.

Date: 10/24/2013

Specification: ANSI/API Standard 607, Sixth Edition, 2010

ISO 10497: 2010

Product Description: 2 inch 2000 PSI 3-pc Threaded End Ball Valve

Valve Code: 5516

Project Number: PN213075

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:	9:58:00	
Average Pressure During Burn:	1473	psig
Seat Leak Rate During Burn:	4.7	ml/min
Allowable Seat Leak Rate:	800	ml/min
External Leak Rate During Burn/Cool Down:	62	ml/min
Allowable External Leak Rate:	200	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	18.5	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

## ***Operational Test***

Average Pressure During Test:	1428	psig
External Leak Rate After Operating:	24	ml/min
Allowable External Leak Rate:	50	ml/min
Was the Leakage Below the Allowable?	Yes	
Does Valve Pass or Fail the Test Standard?	PASS	

Witnesses

