

# **Fire Test Report**

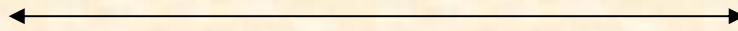
**ANSI/API Standard 607, Sixth Edition, 2010**

**ISO 10497:2010**

*Performed for*

**Valvinox S.R.L**

<https://www.italvalvinox.com>



2 inch Class 2500

Ball Valve

Product Code: 54RJ25

Project Number: 210181

November 2010



*Performed by*

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# Yarmouth Research and Technology

**Customer:** Valvinox S.r.l

**Date:** 11/16/2010

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

ISO 10497-5:2010

**Product Description:** 2 inch Class 2500 Ball Valve

**Project Number:** PN210181

**Comments:** 54RJ25

**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:	<b>14:30:00</b>	
Average Pressure During Burn:	<b>4499</b>	psig
Seat Leak Rate During Burn:	<b>39</b>	ml/min
Allowable Seat Leak Rate:	<b>800</b>	ml/min
External Leak Rate During Burn/Cool Down:	<b>0.2</b>	ml/min
Allowable External Leak Rate:	<b>200</b>	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	<b>20.5</b>	minutes
Were Test Conditions Within Compliance?	<b>Yes</b>	
Were the Valve Leakages Below the Allowables?	<b>Yes</b>	

***Operational Test***

Did Valve Unseat and Open Fully?:	<b>Yes</b>	
Average Pressure During Test:	<b>4530</b>	psig
External Leak Rate After Operating:	<b>0</b>	ml/min
Allowable External Leak Rate:	<b>50</b>	ml/min
Was the Leakage Below the Allowable?	<b>Yes</b>	

<b>Valve Pass or Fail the Test Standard?</b>	<b>PASS</b>
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*Witnesses*

*Matthew J. Wasielewski*

