Fire Test Report

ANSI/API Standard 607, 6th Edition, 2010
ISO 10497: 2010

Performed for

Guide Valve Limited

www.gvs-vci.com

2 inch Class 150 Ball Valve
Product Code: 201F-46-PVG-SE-V50LH-CSA/FM

Project Number: 212182
Test Date: July 19, 2012

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

Customer:	Guide Valve Limited	**Date:**	7/19/2012
Specification:	ANSI/API Standard 607, 6th Edition, 2010		
	ISO 10497: 2010		
Product Description:	2 inch Class 150 Ball Valve		
Project Number:	PN212182		
Comments:	Product Code: 201F-46-PVG-SE-V50LH-CSA/FM		

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:	13:14:00	
Average Pressure During Burn:	30.2	psig
Seat Leak Rate During Burn:	32	ml/min
Allowable Seat Leak Rate:	200	ml/min
External Leak Rate During Burn/Cool Down:	0.0	ml/min
Allowable External Leak Rate:	50	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	24.0	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Post-burn Test

Average Pressure During Test:	30	psig
Seat Leak Rate:	0.0	ml/min
Allowable Seat Leak Rate:	80	ml/min
Was the Leakage Below the Allowable?	Yes	

Operational Test

Did Valve Unseat and Open Fully?:	Yes	
Average Pressure During Test:	217	psig
External Leak Rate After Operating:	7.8	ml/min
Allowable External Leak Rate:	50	ml/min
Was the Leakage Below the Allowable?	Yes	
Valve Pass or Fail the Test Standard?	**PASS**	

Witnesses