Entra State State

Name of Manufacturer:	King Valve Industrial Co., Ltd	
Designation of Valve:	L-290F	
Size:	2 inch	
Body Material:	Carbon Steel	

Test Date:	September 9, 2005
Report/Certificate Number:	PN20575-2C-3000
Pressure Rating:	ANSI Class 1500
Seat Material:	PTFE

E OF M

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of the test specification, Section 7.

This certificate refers to the above mentioned product. This is to certify that the test specimen provided is in conformity with the standard mentioned above. This certificate does not imply assessment of the production of the product.

Laboratory Information	
Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE yrtlab@maine.rr.com www.valvefiretesting.com (207) 829-5359

-----

Name of Manufacturer:	King Valve Industrial Co., Ltd	
Designation of Valve:	L-290F	
Size:	2 inch	
Body Material:	Stainless Steel	

Test Date:	September 9, 2005
Report/Certificate Number:	PN20575-2SS-3000
Pressure Rating:	ANSI Class 1500
Seat Material:	PTFE

ATTHEV

Haplasulasta , PE

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of the test specification, Section 7.

Laboratory Information	
Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE yrtlab@maine.rr.com www.valvefiretesting.com (207) 829-5359

Name of Manufacturer:	King Valve Industrial Co., Ltd.
Designation of Valve:	L-291F
Size:	2 inch
Body Material:	Stainless Steel – CF8M
Trim Material:	SS316

Test Date:	April 15, 2008
Report/Certificate Number:	PN20834-2S
Pressure Rating:	6000 WOG
Seat Material:	Delrin
Stem Seal / Body Seal:	Graphite

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of the test specification, Section 7.

Laboratory Information	
Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road
	North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE
	yrtlab@maine.rr.com
	www.valvefiretesting.com
	(207) 829-5359

Had A which he



Name of Manufacturer:	King Valve Industrial Co., Ltd.
Designation of Valve:	L-291F
Size:	2 inch
Body Material:	Carbon Steel – WCB
Trim Material:	SS316

Test Date:	June 13, 2008
Report/Certificate Number:	PN20834-2C
Pressure Rating:	6000 WOG
Seat Material:	Delrin
Stem Seal / Body Seal:	Graphite

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of the test specification, Section 7.

Laboratory Information	
Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road
	North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE
	yrtlab@maine.rr.com
	www.valvefiretesting.com
	(207) 829-5359

Mart Q which he



Name of Manufacturer:	King Valve Industrial Co., Ltd.
Designation of Valve:	L-291F
Size:	2 inch
Body Material:	Stainless Steel – CF8M
Trim Material:	SS316

Test Date:	April 15, 2008
Report/Certificate Number:	PN20834-2S
Pressure Rating:	6000 WOG
Seat Material:	PTFE
Stem Seal / Body Seal:	Graphite

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of the test specification, Section 7.

Laboratory Information	
Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road
	North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE
	yrtlab@maine.rr.com
	www.valvefiretesting.com
	(207) 829-5359

Had A which he



### API STANDARD 607 FOURTH EDITION - 1993 FIRE TEST CERTIFICATE

#### 

Name of Manufacturer:	King Valve Industrial Co., Ltd
Designation of Valve:	L-370F
Size:	1/2 inch
Body Material:	Carbon Steel

Test Date:	July 23, 2004
Report/Certificate Number:	PN20385-2-2000
Pressure Rating:	2000 WOG
Seat Material:	PTFE

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of API 607 4<sup>th</sup> Edition, Section. 4.4.

This certificate refers to the above mentioned product. This is to certify that the test specimen provided is in conformity with the standard mentioned above. This certificate does not imply assessment of the production of the product.

Laboratory Information

Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE <u>yrtlab@maine.rr.com</u> www.valvefiretesting.com (207) 829-5359

Mangeranden li , PE

MATTHEW MATTHEW MASIELEWSKI #7437 WASIELEWSKI #7437

### API STANDARD 607 FOURTH EDITION – 1993 FIRE TEST CERTIFICATE

Name of Manufacturer:	King Valve Industrial Co., Ltd	Te
Designation of Valve:	L-370F	Re
Size:	1 inch	Pr
Body Material:	Carbon Steel	Se

Test Date:	Nov. 19, 2003
Report/Certificate Number:	PN20385-1-2000
Pressure Rating:	2000 WOG
Seat Material:	PTFE

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of API 607 4<sup>th</sup> Edition, Section. 4.4.

This certificate refers to the above mentioned product. This is to certify that the test specimen provided is in conformity with the standard mentioned above. This certificate does not imply assessment of the production of the product.

#### Laboratory Information

Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road
	North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE yrtlab@maine.rr.com
	www.valvefiretesting.com
	(207) 829-5359

TE OF MA MATTHEW mulenti P.E.

### API STANDARD 607 FOURTH EDITION – 1993 FIRE TEST CERTIFICATE

Name of Manufacturer:	King Valve Industrial Co., Ltd
Designation of Valve:	L-370F
Size:	2 inch
Body Material:	Carbon Steel

Test Date:	July 23, 2004
Report/Certificate Number:	PN20385-2-2000
Pressure Rating:	2000 WOG
Seat Material:	PTFE

The above valve was tested in accordance with the above stated fire test procedure. All of the applicable test parameters were met and external and through leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of API 607 4<sup>th</sup> Edition, Section. 4.4.

This certificate refers to the above mentioned product. This is to certify that the test specimen provided is in conformity with the standard mentioned above. This certificate does not imply assessment of the production of the product.

#### Laboratory Information

Name:	Yarmouth Research and Technology
Address:	434 Walnut Hill Road North Yarmouth, ME 04097 USA
Tester:	Matthew Wasielewski, PE yrtlab@maine.rr.com
	www.valvefiretesting.com (207) 829-5359

MATTHEW MATTHEW WASIELEWSKI #7437

Matt Grandendu; PE