



Pacific Technical Service Co., Ltd.

Garden-Five Works B-604, # 52, Choongmin-Ro, Songpa-Gu, Seoul, South Korea 138-961
Tel : 82-2-418-4209 www.api-korea.com e-mail : patech@netsgo.com

Fire-safe Test Certificate for Design Validation

Certificate No. FTS-2015-DKL-BV-150-2-A105-1

Date : Oct. 07, 2015

Applicant / Manufacturer : DK-LOK Corporation.
Kind of test : Fire-safe design validation test for type-approval
Test item : DBB Ball Valve 2"-Class 150 Flanged, RF 1 set
Body & Flange Connector : A105
Ball & Seat Retainer : A276-type 316
Ball Seat : Peek, Retainer Seal : Graphite
O-Ring / Back-up Ring : Viton / RTFE
Stem : A276-type 316, Stem Bearing : Peek
Flange Conn. Stud Bolt/Nut : A193-B7/A194-2H
Drawing No: 150-50A-RF-A105 Rev.0/2015.09.08
Design Std / Test Std : ASME B16.34 / API 607:6th:2010
Test Date : Sept. 22, 2015 (Report # TCHPV-15-10-109)
Test Place : Technical Center for High Performance Valves,
Dong-A University in Busan, Korea

This is to certify that the fire test has been performed by the manufacturer under our witness as above, and the results are satisfied with the requirements of API 607 for the above product, so we hereby confirm the **qualification of Steel valves of Class 150 through Class 300 rating with 2" and below, 2 ½", 3", 4" size per API 607 Clause 7.3 & 7.4.**

Note

This certificate reflects only our witnessing findings at the time and place of test and does not refer to any other matters.

☒ Witnessed by **API**
☒ Reviewed by **Surveyor**
☒ Approved by **2015.10.7**

Pacific Technical Service Co., Ltd.

Sun. H. Koo

S. H. Koo / Manager, Industrial Service Dept.

The issue of this certificate shall not relieve the Supplier or Manufacturer from any responsibility or such guarantees as may be arranged, nor no interpreted so as in any way to imply acceptance of such products. Neither Pacific Technical Service Co., Ltd. be held responsible in any way whatever the technical accuracy and contents of the purchaser's order.



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Fire-safe Test Certificate for Design Validation

Certificate No. FTS-2015-DKL-BV-600-2-A105-2

Date : Oct. 07, 2015

Applicant / Manufacturer : DK-LOK Corporation.
Kind of test : Fire-safe design validation test for type-approval
Test item : DBB Ball Valve 2"-Class 600 Flanged, RF 1 set
Body & Flange Connector : A105
Ball & Seat Retainer : A276-type 316
Ball Seat : Peek, Retainer Seal : Graphite
O-Ring / Back-up Ring : Viton / RTFE
Stem : A276-type 316, Stem Bearing : Peek
Flange Conn. Stud Bolt/Nut : A193-B7/A194-2H
Drawing No: 600-50A-RF-A105 Rev.0/2015.09.08
Design Std / Test Std : ASME B16.34 / API 607:6th:2010
Test Date : Sept. 23, 2015 (Report # TCHPV-15-10-110)
Test Place : Technical Center for High Performance Valves,
Dong-A University in Busan, Korea

This is to certify that the fire test has been performed by the manufacturer under our witness as above, and the results are satisfied with the requirements of API 607 for the above product, so we hereby confirm the **qualification of Steel valves of Class 600 through Class 900 rating with 2" and below, 2 ½", 3", 4" size per API 607 Clause 7.3 & 7.4.**

Note

This certificate reflects only our witnessing findings at the time and place of test and does not refer to any other matters.

☒ Witnessed by **API**
☒ Reviewed by **Surveyor**
☒ Approved by **2015.10.7**

Pacific Technical Service Co., Ltd.

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Fire-safe Test Certificate for Design Validation

Certificate No. FTS-2015-DKL-BV-1500-2-A105-1

Date : Oct. 07, 2015

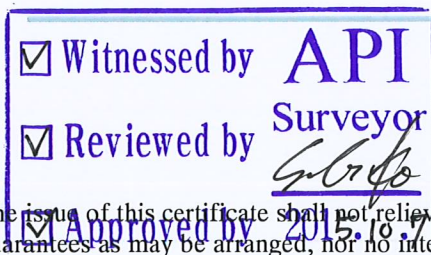
Applicant / Manufacturer : DK-LOK Corporation.
Kind of test : Fire-safe design validation test for type-approval
Test item : DBB Ball Valve 2"-Class 1500 Flanged, RTJ 1 set
Body & Flange Connector : A105
Ball & Seat Retainer : A276-type 316
Ball Seat : Peek, Retainer Seal : Graphite
O-Ring / Back-up Ring : Viton / RTFE
Stem : A276-type 316, Stem Bearing : Peek
Flange Conn. Stud Bolt/Nut : A193-B7/A194-2H
Drawing No: 1500-50A-RJ-A105 Rev.0/2015.09.08
Design Std / Test Std : ASME B16.34 / API 607:6th:2010
Test Date : Sept. 24, 2015 (Report # TCHPV-15-10-111)
Test Place : Technical Center for High Performance Valves,
Dong-A University in Busan, Korea

This is to certify that the fire test has been performed by the manufacturer under our witness as above, and the results are satisfied with the requirements of API 607 for the above product, so we hereby confirm the **qualification of Steel valves of Class 1500 through Class 2500 rating with 2" and below, 2 1/2", 3", 4" size per API 607 Clause 7.3 & 7.4.**

Note

This certificate reflects only our witnessing findings at the time and place of test and does not refer to any other matters.

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