

CERTIFICATE ◆ CERTIFICADO ◆ CERTIFIKAT ◆ 認 証 証 書 ◆ CERTIFICATE ◆ CERTIFIKAT



Industrie Service

CERTIFICATE

**Certificate of Conformity with Technical Requirements In:
API STD 607 Sixth Edition, September 2010**

**Fire Test for Quarter-turn Valves and
Valves Equipped with Nonmetallic Seats**

Certificate No.: 218943
Ref. Test report No.: P-218943

Name of Applicant / Manufacturer: **Grande-Tek Flow Control Co., Ltd.**
Address: **Yunhe District Industrial Zone,
Fuyang Road North, Cangzhou ,
Hebei Province, 061001 P.R. China**

We hereby certify that the fire test on below valves have been conducted for above mentioned manufacturer and witnessed by TÜV SÜD Engineer according to requirements of API Std 607 Sixth Edition, September 2010. The testing results of valves meet the requirements of API Std 607 Sixth Edition, September 2010.

1. Description of Test Valve * :

Type of Test Valve	GV-B2471
Description of Test Valve	2 PCS Flanged End Ball Valve
Valve Size, NPS	4
Pressure Rating (ANSI Class)	150
Valve Body Material	ASTM 216 WCB
Weight of Test Valve (Kgs)	32.62 Kgs
Drawing No. / Rev.	4 Q41F-150C-00-en on Sept.,23,2013
Remark: * The technical data of test valve is described in details on back of this certificate.	

2. Qualified Range of Valves :

Type	GV-B2471
Description of Valves	2 PCS Ball Valves
Qualified Pressure Ratings (Class) (according to API 607 Table 5)	150 ; 300
Qualified Sizes (NPS) (according to API 607 Table 3)	4; 5; 6; 8
Qualified Valve Material (according to API 607 Para.7.2.)	Ferritic Steel
Qualified Valves Mass (according to API 607 Para.7.1 e)	24.465 kgs and larger

This certificate is issued according to API STD 607 Sixth Edition, September 2010 based upon the result of testing report on above mentioned test valves. The additional valve qualification shall be limited to similar valves of same basic design (including calculation method) and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal., etc according to API STD607 Sixth Edition September 2010.

Beijing, Sept., 18th, 2013

(Place, date)

Mr. Qianjian Wu
TÜV SÜD Industrie Service GmbH

CERTIFICATE ◆ CERTIFICADO ◆ CERTIFIKAT ◆ 認 証 書 ◆ CERTIFICATE ◆ CERTIFIKAT



Industrie Service

CERTIFICATE

**Certificate of Conformity with Technical Requirements In:
API STD 607 Sixth Edition, September 2010**

**Fire Test for Quarter-turn Valves and
Valves Equipped with Nonmetallic Seats**

Certificate No.: 218941
Ref. Test report No.: P-218941

Name of Applicant / Manufacturer: **Grande-Tek Flow Control Co., Ltd.**
Address: **Yunhe District Industrial Zone,
Fuyang Road North, Cangzhou ,
Hebei Province, 061001 P.R. China**

We hereby certify that the fire test on below valves have been conducted for above mentioned manufacturer and witnessed by TÜV SÜD Engineer according to requirements of API Std 607 Sixth Edition, September 2010. The testing results of valves meet the requirements of API Std 607 Sixth Edition, September 2010.

1. Description of Test Valve * :

Type of Test Valve	GV-B2471
Description of Test Valve	2 PCS Flanged End Ball Valve
Valve Size, NPS	2
Pressure Rating (ANSI Class)	150
Valve Body Material	ASTM 216 WCB
Weight of Test Valve (Kgs)	9.76 Kgs
Drawing No. / Rev.	2 Q41F-150C-00-en on Sept.,23,2013
Remark: * The technical data of test valve is described in details on back of this certificate.	

2. Qualified Range of Valves :

Type	GV-B2471
Description of Valves	2 PCS Ball Valves
Qualified Pressure Ratings (Class) (according to API 607 Table 5)	150 ; 300
Qualified Sizes (NPS) (according to API 607 Table 3)	2 and below ; 2-1/2; 3; 4
Qualified Valve Material (according to API 607 Para.7.2.)	Ferritic Steel
Qualified Valves Mass (according to API 607 Para.7.1 e)	7.32 kgs and larger

This certificate is issued according to API STD 607 Sixth Edition, September 2010 based upon the result of testing report on above mentioned test valves. The additional valve qualification shall be limited to similar valves of same basic design (including calculation method) and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal., etc according to API STD607 Sixth Edition September 2010.

Beijing, Sept., 18th, 2013

(Place, date)

Mr. Qirjian Wu
TÜV SÜD Industrie Service GmbH