



Industrie Service

CERTIFICATE

Certificate of Conformity with Technical Requirements In:
ANSI/API STD 607 Fifth Edition, June 2005
ISO10497-5: 2004
Fire Test for Soft-seated Valves

Certificate No.: 208790 Rev.2

Ref. Test report No.:P-208790

Name and postal address of supplier*: **TUNING Sarl**
281 Avenue Pierre et Marie Curie,
ZI Nord – BP 80015,
13655 ROGNAC Cedex , France

Name of manufacturing Plant: **009256**

We hereby certify that the fire test on below valve have been conducted and witnessed by Engineer of TÜV SÜD Industrie Service GmbH according to requirements of ANSI / API Std 607 Fifth Edition, June 2005 and ISO 10497-5 : 2004. The testing results of valve meet the requirements of ANSI/API Std 607 Fifth Edition, June 2005 and ISO 10497-5:2004.

1. Description of Test Valve :

Type of Test Valve	KV-080
Description of Test Valve	3-PC Ball Valve
Valve Size	DN50
Pressure Rating (PN)	PN100
Valve Body Material	1.0619 (EN10213)

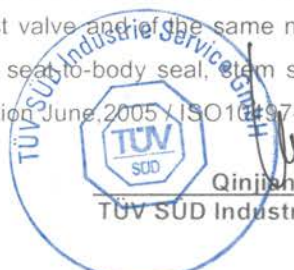
2. Qualified Range of Valves :

Type *	20934-200936,200944-200946 *
Description of Valves	3-PC Ball Valves
Qualified Pressure Ratings (PN) (according to API 607 / ISO10497 Table 4)	PN100 and PN150
Qualified Sizes (DN) (according to API 607 / ISO10497 Table 2)	DN50 and below, DN65 , DN80,DN100
Qualified Valve Material (according to API 607/ISO10497 Para.7.2)	Ferritic , Austenitic Austenitic Steel Bolting
Remark: the technical data of tested valve see back of this certificate. * it is revised in according to client's letter on Oct.29 th ,24,2010.	

This certificate is issued according to ANSI/ API STD 607 Fifth Edition, June 2005 and ISO10497-5:2004, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited to similar valves of same basic design (including calculation method) and construction as the test valve and of the same nonmetallic materials with respect to the seat-to-closure member seal, seat-to-body seal, stem seal , and body joint and seal according to ANSI/API STD607 Fifth Edition June,2005 / ISO10497-5 :2004.

Beijing, Nov., 12th , 200

(Place, date)



Qinjian WU

TUV SUD Industrie Service GmbH



Industrie Service

Certificate No.: 208790 Rev.2

Ref. Test report No.: P-208790

Name and postal address of supplier*: **TUNING Sarl**
281 Avenue Pierre et Marie Curie,
ZI Nord – BP 80015,
13655 ROGNAC Cedex , France

Name of manufacturing Plant: **009256**

Technical Data of Test Valves

1. Type of Test Valve : KV-080

2. Description of Test Valve :

Type of Test Valves	KV-080
Description of Valves	3 PC Ball Valve
Pressure Class	PN100
Valve Size	DN50
Design Standard	API 608
End Standard	ANSI 1.20.1

3. Details of Valve :

Part Name	Materials
Body	1.0619
Bonnet	1.0619
Ball	A351 CF8
Ball Seat	TFM1600 / TFM4215
Stem Packing	GRAFOIL
Stem	SUS304
Bonnet Gasket	Spiral-wound 304 + GRAFOIL
Body Bolts	A193-B8
Gland	SUS304
Nuts	A194-8
Washer / Spacer	SUS304
Design Drawing No.:	90000020004641 / Rev. A

Beijing, Nov., 12th , 2010

(Place, date)



Mr. Qianjian Wu

TÜV SUD Industrie Service GmbH

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9th Floor, Landmark Tower # 2
No.8 North Dongsanhuan Road, Beijing 100004, P.R.China

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Industrie Service

CERTIFICATE

Certificate of Conformity with Technical Requirements In:
ANSI/API STD 607 Fifth Edition, June 2005

ISO10497-5: 2004

Fire Test for Soft-seated Valves

Certificate No.: 201248 Rev. 5

Ref. Test report No.: 201249

Name and postal address of supplier*: **TUNING Sarl**
281 Avenue Pierre et Marie Curie,
ZI Nord – BP 80015,
13655 ROGNAC Cedex , France

Name of manufacturing Plant: **009256**

We hereby certify that the fire test on below valves have been conducted at the above mentioned manufacturer and witnessed by TÜV SÜD Engineer according to requirements of ANSI / API Std 607 Fifth Edition, June 2005 and ISO 10497-5 : 2004. The testing results of valves meet the requirements of ANSI/API Std 607 Fifth Edition, June 2005 and ISO 10497-5:2004.

1. Description of Test Valve :

Type of Test Valve	KV-L61
Description of Test Valve	Flanged End 2PC RF Ball Valve
Valve Size, NPS	1/2", 1", 2", 4"
Pressure Rating (ANSI Class)	150
Valve Body Material	ASTM A216 WCB

2. Qualified Range of Valves :

Type *	20096X
Description of Valves	Flanged End 2PC RF Ball Valves
Qualified Pressure Ratings (Class / PN) (according to API 607 / ISO10497 Table 5)	Class 150 , 300 / PN 10,16,25,40
Qualified Sizes (NPS / DN) (according to API 607 / ISO10497 Table 2, 3)	2" and below , 2½ " , 3",4",5", 6" and 8" or / DN50 and below, 65, 80, 100, 125, 150, 200
Qualified Valve Material (according to API 607/ISO10497 Para.7.2)	Ferritic and Austenitic Steel Austenitic Steel Bolting
Remark: the technical data of tested valves see back of this certificate. * It is revised in according to client 's letter date on Oct., 29,2010.	

This certificate is issued according to ANSI/ API STD 607 Fifth Edition, June 2005 and ISO10497-5:2004, 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 according to ANSI/API STD607 Fifth Edition June, 2005, Para.4.4. and ISO10497-5 :2004.

Beijing, Nov.,12th, 2010

(Place, date)

Mr. Qianjian Wu
TÜV SÜD Industrie Service GmbH



Industrie Service

Certificate No.: 201248 Rev.5

Ref. Test report No.: 201249

Name and postal address of supplier*: **TUNING Sarl**
281 Avenue Pierre et Marie Curie,
ZI Nord – BP 80015,
13655 ROGNAC Cedex , France

Name of manufacturing Plant: 009256

Technical Data of Test Valves

1. Type of Test Valve : KV-L61

2. Description of Test Valve : Flanged end 2PC RF Ball Valve

3. Details of Valves :

Valves Size (NPS) Material Part Name	1/2" , 1 " , 2" , 4"
Body	ASTM A216 WCB
End Cap	ASTM A216 WCB
Ball	ASTM A351 CF8
Ball Seat	PTFE
Stem	AISI 304
Stem Packing	Grafoil
Body Gasket	Grafoil
Body Bolts	ASTM A193-B7
Hex. Nuts	ASTM A194-2H
Gland	AISI 304
Design Drawing No.:	916161500004660
Remark:	

Beijing, Nov., 12th, 2010

(Place, date)



Mr. Qinjian Wu
TÜV SÜD Industrie Service GmbH

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