



Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)
API SPEC 6FA Third Edition, April 1999

Certificate No.: 212509

Ref. Test report No.: 212510

Name and postal address of manufacturer: **Kace Valve (Hangzhou) Co., Ltd.**

Building 2, No.16 Kanghui Road, Gongshu District,
 Hangzhou City, PC: 310015, Zhejiang Province
 P. R. China

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV inspector according to requirements of API SPEC 6FA Third Edition, April 1999. The testing results of valves meet the requirements of API SPEC 6FA.

1. Description of Test Valve :

Type of Test Valve	6"Q347F-600Lb-Mxb
Description of Valve	3-PC Forging Trunnion Ball Valve
Valve Size, (NPS)	6"
Pressure Rating (ANSI Class)	600
Valve Body Material	ASTM A105N

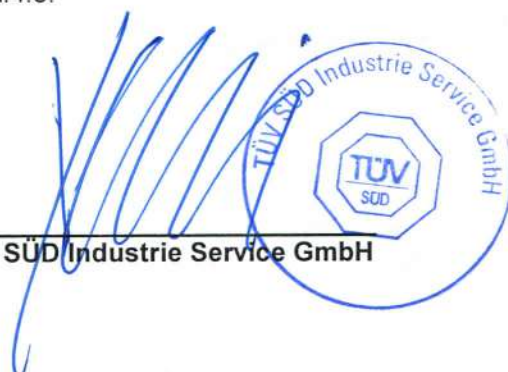
2. Qualified Range of Valves :

Type	6"Q347F-600Lb-Mxb
Description of Valves	3-PC Forging Trunnion Ball Valves
Qualified Pressure Ratings (Class) <i>(according to API 6FA Table 3)</i>	600; 900
Qualified Sizes (NPS) <i>(according to API 6FA Table 2)</i>	6"; 8"; 10"; 12"
Qualified Marking <i>(according to API 6FA Para.7)</i>	Qualified valves shall be permanently marked: 6FA
Remark: the technical data of test valve see back of this certificate appendix 1.	

This certificate is issued according to API SPEC 6FA Third Edition, April 1999, based upon the result of testing report on above mentioned test valve. The additional valves qualification shall be limited on similar valves of same basic design as the test valve and 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 API SPEC 6FA Third Edition, April 1999, Para.4.8.

Shanghai, June 07, 2011
(Place, date)

TÜV SÜD Industrie Service GmbH



Appendix 1:

Certificate No.: 212509

Ref. Test report No.: 212510

Name and postal address of manufacturer: **Kace Valve (Hangzhou) Co., Ltd.**

Building 2, No.16 Kanghui Road, Gongshu District,
Hangzhou City, PC: 310015, Zhejiang Province
P. R. China

Technical Data of Valve

1. Type of Test Valve: 6"Q347F-600Lb-Mxb
2. Description of Test Valve: 3-PC Forging Trunnion Ball Valve
3. Details of Valve:

Valves Size (NPS) Material Part Name	6"
Body	ASTM A105N
Cap	ASTM A105N
Ball	ASTM A105 +ENP
Seat Seal	RTFE
Seat Support Ring	ASTM A105 +ENP
Spring	INCONEL X-750
Upper Stem	ASTM A276-410
Packing(Fire safe seal)	304+Graphite
Top Plate	ASTM A105N
Low Stem	ASTM A105N +ENP
Body Gasket	304+Graphite
Body Bolts	ASTM A193 B7
Hex. Nuts	ASTM A194 2H
Design Drawing No.:	6"Q347F-600Lb-Mxb

Shanghai, June 07, 2011
(Place, date)


TÜV SÜD Industrie Service GmbH

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